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ABSTRACT

This report discusses the outcomes of West Valley College's (WVC) (California) planning process, which was based on an extensive community needs assessment. Statistics include: (1) the local county, Santa Clara, was estimated to be approximately 24% Hispanic and Asian, and 4% African American; (2) student enrollment at WVC was approximately 11,500 students per semester, with females making up 60% of the total; (3) in fall 1999, Asians made up 18% of total enrollment, Hispanics almost 13%, and African Americans 3%; (4) almost 60% of the full-time faculty at WVC were white; and (5) Asian/Pacific Islanders made up approximately 9% of the faculty, while Hispanics made up almost 7% and African Americans 4%. Findings of a community needs assessment indicated the following: (1) the political boundaries and service area boundaries for the area colleges have changed considerably; (2) population growth in the Santa Clara Valley is primarily in the city of San Jose; (3) a large population of 41-55 year olds is emerging and appears to have strong needs; (4) technology and service occupation clusters share equally in the number of new jobs; and (5) small businesses are becoming a larger part of the labor market landscape. The report also addresses facilities needs, academic programs and services, and educational initiatives. (NB)

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ED 463 780

West Valley College

Educational and Facilities Master Plan

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President's Message

The West Valley College hallmark of providing the highest quality of educational programming while maintaining a student-centered focus has remained constant from its beginning in 1964. The first fifty-three faculty, the "pioneers", were hired to carry out that philosophy. They passed the legacy along to the faculty, staff, students and administrators who have collaborated to create this educational and facilities master plan. The mission was and still remains – to serve our students and our community to the best of our knowledge and ability.

However, it has become increasingly more difficult to fulfill our mission. The complexity of today's world poses many challenges. In addition to the traditional fourfold focus on transfer programs, career education, basic skills, and community education, economic development has been added to California's community college mission. The communities we serve are now at the heart of the new California gold rush in Silicon Valley. Students span the full age range continuum from recent high school graduate to senior citizen. No longer bound by community college district political boundaries, students are free to attend the college of their choice. They travel long distances across the valley to seek top quality educational programs and services.

For many of the West Valley students residing in California's Silicon Valley, it is not enough to be living in the golden land of high technology. In reality, a "digital divide" crosses Silicon Valley. Disenfranchised, large numbers of people do not live the good life. Many are recent immigrants with great need to master English as their second language. Some are functionally illiterate - needing assistance to acquire basic skills. Others are high school dropouts with no job skills, no jobs, and no bright future.

West Valley College has made a commitment to our students to be an accessible and effective "learning-centered" college, one where lifelong learning, not just educational preparation of youth, is the norm. Learning in this model is increasingly outcome-based. Workforce preparation and retraining is a principal task for the College - with an increasing focus on integrated skill development. Distance learning is seen as an alternative to classroom-based instruction. Learners are given options that free them from the constraints of time and place and are provided multiple opportunities for interaction with faculty and staff, with other students and with information. Information technology, including campus-wide networks, instructional resources, and remote access to the

worldwide web, are now critical tools in supporting student learning.

We realize that fulfilling our commitment to becoming a learning centered institution is not an insignificant task. This task is made even more challenging by the fact that West Valley's buildings and campus infrastructure are more than 30 years old, designed and erected in an era that viewed instruction almost solely from a "classroom and chalkboard" perspective, and now in need of major repair and upgrading.

Through our strategic planning process, the setting of institutional goals, and the identification of shared values, West Valley College has continued to reaffirm its commitment to enable all of Silicon Valley to take advantage of its educational opportunities. We are committed to restructuring our environment so that every staff member is a skilled learning facilitator, whether as an instructor in the classroom, a librarian, a counselor, or a clerk at the admissions desk. We firmly believe that who you are at West Valley does not depend on a job description, but in how you facilitate learning for students and whether you are committed to your own lifelong learning journey.

To assist us in carrying out our commitment, West Valley College has shaped a broad-based educational and facilities master planning process to address the College's educational programming, services, facilities and resource challenges. The comprehensive planning process was based on an extensive community needs assessment, which described community and regional contexts, analyzed community and regional needs, and projected enrollment changes and student needs, economic development needs and trends and related developments. The resulting Educational and Facilities Master Plan presented in this document encompasses the outcomes of our planning process. Through it we have created the context for college wide discussion of significant programmatic issues and have shaped a dynamic planning infrastructure. To all of us at West Valley College, completion of the Educational and Facilities Master Plan does not signify the end of a planning process, but rather a new beginning. The plan forms the foundation and sets the future direction for the ongoing work of reconfiguring programs, services and facilities to better support our students' success.

Marchelle Fox
President

Setting the Stage

Campus History

In July 1962, the first public meeting convened to address the formation of the West Valley Joint Community College District. In October of that year, the California State Board of Education approved the District's formation, and in January 1963, the voters residing within the Campbell, Los Gatos-Saratoga, and Santa Clara High School Districts established the District.

The District's first college, West Valley Junior College, became operational in September 1964. The College opened on a twelve-and-a-half acre site in Campbell, occupying a remodeled grammar school. The 1964-65 academic year began with an enrollment of 3,203 students and a staff of 10 administrators and 53 instructors. One hundred courses were offered that first year. The following year the name was changed to West Valley College.

In 1964, the District purchased the current 143-acre Fruitvale-Allendale site in Saratoga. Funding from the State Junior College Construction Act was obtained, and between 1964 and 1974 the campus was developed. The first building was completed in 1968, and the first classes began in fall of that year.

In September 1985, the name of the district was changed to West Valley-Mission Community College District to reflect the addition of Mission College in Santa Clara, which opened in 1979.

Enrollment and Student Demographics

Area Demographics

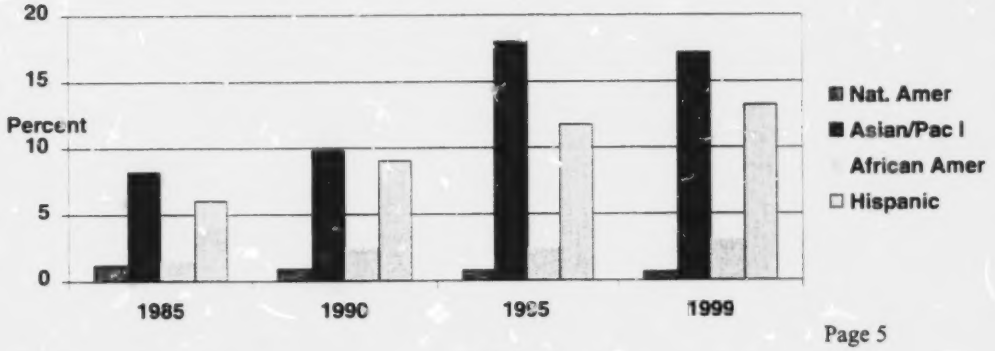
The State Chancellor's Office, along with several other state and federal agencies, has documented the rapidly changing nature of the demographics of California's residents. Locally in Santa Clara County, it is estimated that in the year 2000 Hispanics and Asians will each make up approximately 24 percent of the Santa Clara County population, with African Americans at almost 4 percent. Caucasians are therefore no longer the dominant ethnic group at the end of 1999.

The largest local population increases in the past ten years have been people of Asian descent, many of them Vietnamese recently settled in the Silicon Valley. They form the second largest contingent of Vietnamese (after Los Angeles) in the country. Unlike the first wave of immigrants, the succeeding waves have been more poorly educated. For most, entry to higher education will increasingly continue to be via the community colleges. The other major influx of Asian migration to the area has been by arrivals from Hong Kong, Korea, and the Philippines.

Here in Santa Clara County the number of African Americans has had only modest and statistically insignificant increases, and the number of Native Americans has held constant at approximately 1%.

Student Enrollment

Student enrollment is approximately 11,500 students per semester with males approximately 40 percent and females 60 percent of the total. In fall 1999, Asians made up 18 percent of the total enrollment, Hispanics almost 13 percent, and African Americans 3 percent. See chart below.



Although the most visible segment of WVC's enrollment is the traditional 18 - 21 year old student who is enrolled full-time in classes during the day, they, in fact, make up only a small portion of WVC's student population. The average age of a West Valley College student is 29 years old. In addition, almost 70 percent of the students at WVC are enrolled as part-time students, with approximately 27 percent enrolled in evening classes.

Student Attendance Areas

Student attendance areas are somewhat atypical for the District compared with that of other community colleges. Although those secondary school districts that send the largest numbers of students to West Valley College are located in cities and towns near the College, more than 60 percent of the College's enrollment comes from other areas of the county not within the District's political boundaries. Hence, campus enrollment no longer follows "traditional" K-14 boundaries that were set up in the 1950's and 1960's

Student Awards and Success

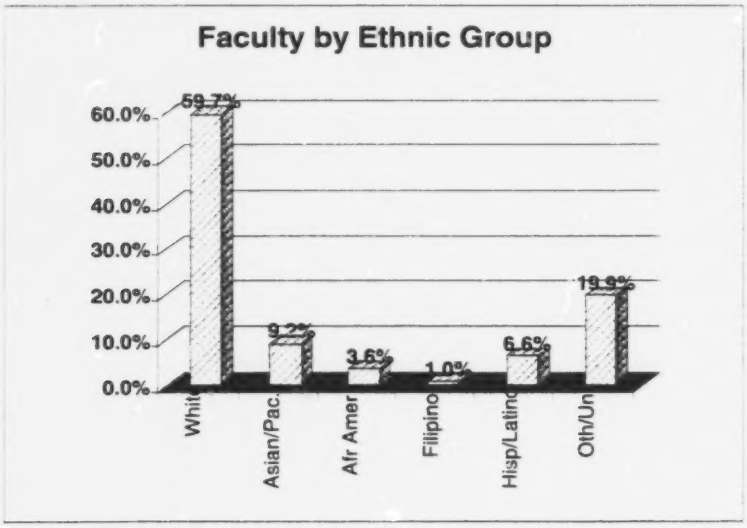
During the 1998-99 academic year, 716 **degrees or certificates** were awarded, which represents approximately 8 percent of the total college enrollment. Approximately two-thirds of the awards were associate degrees.

Approximately 900 **students transferred** to four-year institutions during the 1998-99 academic year. Approximately 88 percent of all students who transfer attend a CSU school. Another 10 percent of those who transfer matriculate at a UC school, and the balance of the transfer students go on to private colleges and universities, both in-state and out-of-state.

Approximately 68 percent of West Valley students who complete courses receive a passing grade. In comparison, over the past five years the state of California's **student success rate** has been approximately 71 percent. Within the College, the African American success rate was 57 percent in 1999, while that of Asians was almost 73 percent. Female success rates were 71 percent, almost nine percentage points higher than males. Students aged 31 and higher had success rates of 74 percent or more, while students aged 21-25 had success rates ten percentage points less.

Faculty and Staff

As of the 1999-2000 academic year, 196 **full-time faculty** were employed by West Valley College. Of that number, approximately one-third have more than 20 years of service, while approximately one-third have been hired within the past 5 years. Almost 60 percent of the full-time faculty are white. Asians/Pacific Islanders make up approximately 9 percent, and Hispanic faculty make up almost 7 percent of the faculty total. Filipino faculty constitute 1 percent, and African Americans make up almost 4 percent. Approximately 20 percent of the faculty did not report their ethnicity. See the chart below for details.



Approximately 115 **full-time staff** are employed at the College, of which 70 percent are female. Approximately twenty-eight percent are ethnic minorities. Hispanic employees make up approximately 10 percent, and Asian/Pacific Islander employees over 11 percent of the total number of full-time staff. African American staff make up slightly over 5 percent.

College Mission and Goals

Statement of Philosophy

West Valley College's philosophy was articulated after extensive dialogue among members of the college community. The College's statement of philosophy is as follows:

"West Valley College is a community of learners open to those seeking advanced educational opportunities. The College's faculty, staff, and students have a passionate commitment to learning, fueled by the spirit of inquiry. The College embraces innovation and change characterized by trust, confidence, and accountability. Through open communication, support, and acceptance for one another, shared decision making through collaboration and teamwork, and a respect for diversity, West Valley College affirms its commitment to people."

Mission

The values the College holds ~ community, diversity and inclusion, collaboration, fiscal innovation, and physical resources ~ greatly strengthen the ability of faculty, staff, and administration to fulfill the College's mission as an institution of higher learning. The WVC mission as stated in the catalog is as follows:

"West Valley College is a public community college whose primary purpose is to facilitate successful learning. It is committed to the education of the individual along with fostering the economic development of the communities it serves. West Valley College provides students with opportunities to participate in a wide spectrum of educational experiences designed to fulfill their academic and career needs. Encouraged to seek knowledge and wisdom as lifelong learners, West Valley's students are motivated to expand their human potential, enrich the quality of their lives, and develop the job skills and other competencies necessary to function in contemporary society."

Strategic Goals

West Valley College has developed five specific strategic goals that mirror its values and support its mission: learning community, diversity and inclusion, collaborative leadership, physical resources, and fiscal innovation.

West Valley will shape a **learning community**, which blends the traditional focus on content with the development of additional skills that learners need to contribute successfully to our contemporary, multi-cultural society by:

- Effectively developing a sense of community
- Encouraging collaboration
- Making all members of the College community active partners with shared responsibility in the learning experience
- Developing appropriate skills to promote lifelong learning
- Supporting collaborative learning and problem solving within the classroom, across the College and throughout the district.

Furthermore, the College will continue to support student success by:

- Developing, evaluating, and improving our educational programs and services
- Assisting students in setting their educational goals and evaluating progress toward them
- Utilizing continual assessment to improve the student learning experience.

The College will promote on-going professional and personal growth by:

- Providing orientation for all full and part-time employees
- Providing opportunities, resources, and mentoring.

West Valley will foster an increasingly **diverse and inclusive** learning community by:

- Communicating, and building better relationships with the communities it serves
- Decreasing systemic financial, geographic, academic, physical, personal and cultural barriers to make the campus more accessible and inviting
- Attracting, hiring, retaining, and supporting a highly qualified, multi-faceted staff
- Preparing and encouraging students to contribute successfully to our contemporary, multi-cultural society.

West Valley will **work collaboratively,** as active partners in the learning community, on behalf of the common good of the College and District. The College will take responsibility, both individually and collectively, to engage in shared decision making by:

- Improving and sustaining an environment of mutual respect, confidence, support, and trust

- Communicating, interacting and building teams within and across constituencies
- Ensuring timely, effective communication
- Making intentional, conscientious, thoughtful and timely decisions.

The College will proactively and innovatively support the learning community with **physical resources** (buildings, grounds, learning stations, instructional space, and equipment) by:

- Making the campus more accessible, inviting, safe, and physically attractive to a diverse population
- Maintaining, reconfiguring, and developing classrooms, laboratories and other facilities to promote collaborative learning
- Sharing its physical resources more effectively
- Using technologies that help transcend the limitations of the physical environment by thinking of the community as the classroom
- Promoting the College campus as a resource to the community and viewing the community as a resource for the College.

West Valley will proactively and innovatively **fund** our learning community by:

- Engaging in strategic financial planning
- Securing appropriate alternative sources of funding
- Allocating resources through fiscal policies, priorities and processes that support institutional goals.

Academic Programs and Services

West Valley College offers several curricular and support programs for students. These include:

Transfer Programs

Transfer programs prepare students for junior standing at bachelor's degree institutions and include general education courses. General education courses and programs are those which contribute to the education of an individual. This includes the development of critical thinking, written and oral communication skills, understanding of and the ability to use quantitative analysis; appreciation of the arts and humanities; and awareness of physical, social and behavioral sciences as they affect the individual and interaction with the community and the global society.

Students may also earn an **associate of arts or science degree** (A.A. or A.S.) by successfully completing 60 units of college work in specified areas, fulfilling requirements for a major, and demonstrating proficiency in basic skills.

One of ways West Valley supports the transfer function is through its innovative **Honors Program**. The primary mission of the WVC Honors program is to create and maintain an alternative curriculum model, which by virtue of its interdisciplinary structure, ensures course enrichment and accelerates the intellectual and creative development of high-ability students. Students who complete the Honors Program and wish to transfer may receive priority consideration at selected colleges and universities.

The College is currently experiencing new growth in **interdisciplinary programs**, reflecting a general trend in higher education to reshape curricula and rethink traditional design and delivery modes in response to student and social needs. These new, interdisciplinary programs include Ethnic Studies, Leadership, Computer Animation, and Digital Media. Other programs, such as Fashion Design, have integrated basic skills instruction and student support services into their programs to help ensure that students are successful.

Career Programs

West Valley College offers two types of career programs: those leading to an Associate of Science Degree or Associate of Arts Degree and those leading to a Certificate of Proficiency. Both provide instruction in the skills and knowledge needed to enter or to make progress in an occupation. The A.A./ A.S. Programs require completion of a series of general education courses in addition to courses that are career-oriented.

Certificate Programs require completion of a series of career-oriented courses. Typically, students who seek certificates wish to complete a career program as quickly as possible to obtain employment. Many students complete the requirements for the certificate, attain employment and return to West Valley College to complete the additional general education requirements for an Associate of Science degree. Not all certificates are vocational. The College also offers certificates in areas such as Ethnic Studies, Speech Communication, and Foreign Languages.

Career programs are developed by the College in close cooperation with **advisory committees** composed of representatives from business, industry, and the College. These advisory committees review course content to make certain that the instruction and curriculum provide current skills, and recommendations are made to update the curriculum. In this manner, students in these programs receive the most current information and skills to prepare them for employment in their chosen field. In fall 1999, there were 10 advisory boards with over 200 members from the business and the College communities.

Basic Skills

To ensure that students have access to transfer and career programs and to assist them in meeting their academic and career goals, the College provides instruction in pre-collegiate basic skills and supported education in the areas of mathematics, English, reading, speech development, and study skills. In addition, the College provides instruction in English as a second language to meet the needs of limited English speaking students.

Economic Development

In 1996, economic development was added to the mission of California community colleges. Economic development includes courses and programs that advance California's economic growth

and global competitiveness and contribute to the region's continuous work force improvement.

In 1998-99, Workforce Development at West Valley College absorbed the College's contract education function. New to the College in 2000 are four Economic Development Programs formerly housed under the District's Economic Development Institute. These are the Small Business Development Center (SBDC) and the Center for International Trade Development (CITD), located in San Jose, and the Procurement Training Assistance Center (PTAC) and the Advanced Transportation Technology Center (ATTC), located in Campbell at the Campbell Community Center. The Center also has a counseling satellite at the SJ/Campbell One Stop, part of the Santa Clara County Employment Service Network.

Community Education

Community Education is provided at West Valley College through fee-supported, self-supporting, and apportionment-generating non-credit programs. These programs primarily respond to niches in the community not appropriate for credit instruction (due to age or subject matter), but often Community Education will partner with credit programs for joint promotional purposes. In addition, Community Education supervises two Transportation-oriented, Grant-supported entities: Advanced Transportation Technologies, and ALTRANS. These two entities together with the non-credit, Small Business Institute and a number of individual classes focused on business and economic issues help Community Education assist the College in meeting its economic development goals.

Student Services

To foster and encourage student development, West Valley College offers a comprehensive program of student services that provide counseling, advising, and special services. Student Services programs offered include:

- CalWORKs Program
- Campus Center and Bookstore
- Career Programs Center
- Child Care Services
- Cooperative Agencies Resources for Education (CARE)
- Counseling Center
- Educational Transition for Men and Women
- Extended Opportunity Program & Services (EOPS)
- Financial Assistance
- Intercollegiate Athletics

- Learning Assistance
- Learning Efficiency Assistance Program (LEAP)
- Library Services
- Puente Project
- Recruitment and Outreach
- Student Government and Activities
- Student Health Services
- Students Using Cross Cultural Educational Support and Services (SUCCESS) Program
- Supported Education Program (SEP)
- Transfer and Career Center
- Tutorial Services

Since 1995, the College has experienced growth in both transfer and career programs. For example, the number of transfer programs has increased 6% and the number of AA/AS degrees has increased 25%. Most significant has been the increase in the number of certificates -- 49%. The number of sections offered has increased 12%, from 1,321 in fall 1995 to 1,498 in fall 1999. Most of the growth can be attributed to increased demand for instruction in the technological areas of computer applications, digital media, and computer animation.

	Fall 1995	Fall 1999	% Increase
Transfer Programs	51	54	6%
AA/AS Degrees	43	57	25%
Certificates	36	70	49%

Alternative delivery methods and times have proven to be popular with students. For example, since 1995, telecourses have increased by nearly 20 percent and on-line courses, which numbered 18 in fall 1999, represent a 100 percent increase. Saturday courses have increased by 80 percent. Off-site offerings continue to attract students. Course offerings at Leigh High School have increased by 23 percent. The College is re-opening classes at Branham High School after an 8-year hiatus when Branham was closed and converted to a private school. It has since been reopened as a public high school by the Campbell Union High School District.

	Fall 1995	Fall 1999	% Increase
Telecourses	18	22	18%
On-line Courses	0	18	100%
Off-site ~ Leigh H.S.	24	31	23%
Saturday Courses	7	35	80%

Programs of Study

West Valley College offers the following transfer, degree and certificate programs:

	Transfer	Degree	Certificate
Accounting/Accounting Clerk	T		C
Administration of Justice	T	D	
Anthropology	T	D	
Architecture/Facilities Management	T	D	C
Art	T	D	
Biological Science	T	D	
Business/Business Administration	T	D	
Chemistry	T	D	
Child Studies/Early Childhood Education	T	D	C
Communication Studies	T	D	C
Computer Applications		D	C
Computer and Information Systems	T	D	C
Court Reporting		D	C
Dietetics, Food, Nutrition	T		
Digital Media/Internet Services	T	D	C
Drafting Technology	T	D	C
Economics	T		
Education (Credentials)	T		
Engineering/Engineering Technology	T	D	
English	T	D	
Ethnic Studies			C
Fashion Design/Apparel Manufacturing	T		C
Foreign Language	T	D	C
Geography	T	D	C
Geology	T		
Health Care Technologies		D	C
History	T	D	
Humanities	T		
Interior Design	T	D	C
Journalism /Mass Communication	T		
Landscape Architecture	T	D	C
Liberal Arts	T	D	
Mathematics	T	D	
Music	T	D	
Paralegal		D	C
Park Management		D	C
Philosophy	T		
Photography		D	C
Physical Education/Recreation	T	D	C
Physical Science	T		
Physics	T	D	
Political Science	T	D	
Pre-Professional Programs	T		
Professional Office Skills Training			C

Setting the Stage

	Transfer	Degree	Certificate
Psychology	T	D	
Social Science	T	D	
Sociology	T	D	
Theatre Arts	T	D	C
Women's Studies		D	
Word Processing/Office Automation		D	C
Workplace Success Skills			C
Zoology	T		
Community Education Non-Credit Programs			
Professional Teller Training			C
Small Business Entrepreneurship			C

The Planning Process

In April 1999, the WVMCCD Board of Trustees selected MBT Architecture, with subcontractor the Keithley Consulting Group, (KCG) as consultants to assist West Valley College in developing an Educational and Facilities Master Plan (E&FMP). The new plan would replace the College's previous master plan that was over ten years old. The E&FMP would consist of two components: an Educational Master Plan that detailed the College's major future academic and instructional initiatives, and a Facilities Master Plan that provided the infrastructure to support the academic initiatives.

During the late spring and summer of 1999, the College Council worked with MBT/KCG to develop processes and timelines for the creation of the E&FMP. During fall 1999, West Valley's faculty, staff, administrators, and students participated in the writing of over one hundred concept papers, thus providing an in-depth analysis of current and future needs for every department, program and service in the College. To ensure compatibility with the College's overall planning initiatives, each paper was reviewed by a local administrator and then by a college-wide review team. During this same time period, MBT/KCG completed a community needs assessment and began work on infrastructure and resources inventories for the College. These inventories would be utilized later to integrate educational planning with facilities needs and resource planning.

A representative group of approximately sixty faculty, staff and students participated in a series of three, one-and-a-half day retreats in February and March 2000. Using the concept papers, the community needs assessment, the infrastructure and resource inventories, and a collection of other internal and external resource documents, the group developed a list of potential college-wide educational initiatives, which were then disseminated via the participants to the entire campus community. Working with the planning consultants and using the educational initiatives as a guide, the retreat participants then developed several scenarios for possible new campus construction and facilities modifications. A list of retreat participants is included in the next section. Further information and details on the educational initiatives and facilities modifications appear later in this master plan document.

During the 2000-2001 academic year, the College will continue to refine the educational initiatives and begin development of processes that tie resource allocation and College decision making to the initiatives. The College will also begin the development of plans for facilities enhancements and modifications.

Plan Participants

Steering Committee

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Nancy Rucker, Vice President
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Phil Stokes
Jeff Ouye, Student Trustee, West Valley College
Rob Singh, Student Trustee, Mission College

Linda Salter, Chancellor

The Educational Plan

The Educational Plan Goals

The planning consultants and College Council established the following goals as they began development of the plan:

Undertake a participatory planning process. Define levels of participation. Allow for variety in types of involvement with the planning process.

Promote increased awareness of the campus environment. The Master Plan consultants will work to establish a common "language" among participants.

Disseminate information. Establish expectations and objectives for the physical requirements for the campus.

Encourage informed decision making. The Master Plan Design team will present options and prioritization strategies, allowing participants to determine alternate and final plans.

Extend the participatory process through implementation. The degree to which the College assumes authorship and responsibility for the Master Plan will determine the vitality of the document after publication.

Perform a comprehensive assessment. Evaluate all campus buildings relative to the Educational Plan and technical requirements. Develop building performance data from professional observations and from occupant reports.

Link educational objectives to spatial needs. Accommodate variety in teaching methods and achieve spatial efficiency without compromising educational or service programs.

Match College needs with institutional requirements. Distinguish between maintenance requirements, potential state-funded construction projects and district-funded activities.

Reflect the highest aspirations of the College. Let the energy and imagination of the design team enrich the experience, opinions and expertise of the faculty and staff.

Create a vital document. Let the comprehensive research base and shared creative vision provide a lasting and effective plan.

Planning Resources

At the onset of the planning process, the E&FMP Steering Committee provided members of the College community with a selection of critical planning resources to help guide the planning process. In addition to the **College's mission, philosophy and strategic goals statements,** the resources included the following documents.

Community College Goals

The West Valley-Mission Community College District has, as its foundation, goals that have originated from several sources. The fundamental source is the mission statement for all California Community Colleges contained in AB 1725, the California Community College Reform Act. Specifically, this includes the following:

1. The provision of "rigorous, high quality degree and certificate curricula in lower division arts and sciences and in vocational and occupational fields."
2. The provision of remedial and ESL instruction and support services that assist post-secondary students.
3. Advancing California's economic growth and global competitiveness through education, training, and services.
4. The provision of non-credit education.
5. The provision of community services, as long as they do not interfere with the institution's ability to meet the primary missions.

The Board of Trustees Planning and Budget Priorities

In an effort to obtain Board input and direction as early as possible in the budget preparation process, the Board held a special meeting in January 2000 to set priorities which to guide the District's budget and planning processes. The following items reflect the Board's specific planning and budget priorities:

1. Review District vision and values relative to the revised mission statement and continue work on the Educational and Facilities Master Plan (E&FMP) as well as revision of District policies. Establish a continuous process for policy review.
2. Address recommendations that come from the E&FMP processes at West Valley and Mission Colleges relative to new facilities needs, retrofitting and reconfiguring current facilities, and building-out Mission College.

3. Develop strategy for attracting, compensating, and retaining employees (with a long-term goal of reaching no lower than the number two in terms of compensation in the Bay 10); develop alternative funding sources; and aggressively pursue state funding.
4. Reduce barriers to access; be student-centered/responsive; reach the under-served by:
   a. Responding to student demand without losing balance of program.
   b. Expanding programs/services for historically under-represented.
   c. Increasing useable information and orientation.
   d. Addressing the financial needs of students.
5. Increase visibility and better meet the needs of the community through unique and specialized programs and partnerships.
6. Increase the District's ability to demonstrate institutional effectiveness and increase Board awareness of PFE projects, programs, and progress toward PFE goals.
7. Increase information dissemination and communication to and between students and the community.
8. Provide necessary support for the successful implementation of the Datatel administrative software system.
9. Ensure preparation for successful accreditation.
10. Provide for District-wide training and support for the implementation of emergency preparedness, prevention of violence in the workplace, and other safety issues for the Colleges and the District.
11. Support continuing evaluation, process review, and improvement of Administrative Services areas.

Emerging Issues from the Community Needs Assessment

The community needs assessment conducted in the fall of 1999 described external influences on the West Valley-Mission Community College District. Information was obtained from state, county and municipal governments, opinion surveys and analysis by planning consultants. The assessment provided demographic information, identified vocational/economic trends, societal and political educational needs, and established enrollment analyses and projections. Emerging issues raised in the community needs assessment used as a background resource in the planning process included the following:

1. The political boundaries and service area "boundaries" for the colleges are substantially different.
2. Population growth in the Santa Clara Valley is primarily in the City of San Jose and is anticipated predominately in the eastern and southern areas.

3. Regional program planning should be a serious consideration in the development of programs at the colleges.
4. A large population of 41-55 year olds is emerging and appears to have special needs
5. There is a strong demand on the part of potential students to stay current in the use of computers.
6. Commercial development continues strong in the Silicon Valley.
7. Technology and the service occupation clusters share equally in the number of new jobs.
8. The importance of the intangible skills of a potential employee is critical to employers.
9. The level of "readiness" of a sufficient number of high school students to move directly to college level programs indicates a continued demand for basic skills courses.
10. International business is emerging as a major component of the economy of Silicon Valley.
11. Small businesses are becoming a larger part of the labor market landscape.
12. Outreach is an important role of the colleges.
13. Future enrollment projections for the college will depend on adopted program plans rather than population growth.

The Noel-Levitz Student Satisfaction Inventory

The College conducted a pilot study of 524 students using the Noel-Levitz Student Satisfaction Inventory during the spring of 1999. In summary, the study indicated, in decreasing order, that effective instruction, academic advising and counseling, the registration process, concern for the individual, campus safety, and academic services were most important to students. In several areas, their satisfaction with these services differed significantly from their rankings of importance.

Silicon Valley 2010: A Regional Framework for Growing Together

Under the auspices of Joint Venture: Silicon Valley Network, a cross section of area leaders present a series of strategic goals and directions needed over the next ten years to support a more robust economy, create a more livable environment, move toward a more inclusive society, and develop greater regional stewardship.

The New Millennium: The First Decade

Written by several MBA students at Santa Clara University, this document analyzes current and future tends in technology and the work place in the Silicon Valley.

The Concept Papers

Guided by the planning consultants and prepared by College faculty and staff, the "Concept Papers" form the basis of the Educational Master Plan. These papers depict the current conditions and future plans for every College program. Curriculum and service developments, staffing requirements, and facility and equipment needs are described in detail.

Concept papers were developed by every "unit" within the College. Units were defined as any department, administrative office, program or service, which contributes to the educational programming offered by West Valley College. In some cases, units were clearly designated through organizational structure; others were self-identified. All elements of instruction, student services and administrative services were included, eventually resulting in 104 unit-written concept papers. All 104 concept papers are posted on the web page, *http://inside.westvalley.edu.*

Each concept paper represented a summary statement of unit deliberations on future needs as envisioned over the next five to fifteen years. The E&FMP Steering Committee provided each unit with a selection of critical planning resources to guide deliberations and inform the writing of the concept papers. These documents included resources such as the District and Board goals, West Valley College Community Needs Assessment, West Valley's strategic goals, Emerging Trends Report from the Community Needs Assessment, Silicon Valley 2010 Report, Noel-Levitz Student Satisfaction Survey. Resource documents were posted on the web page, *http://inside.westvalley.edu*, as well as distributed in hard copy. See the previous section for a description of the planning documents.

The E&FMP Steering Committee provided each unit with detailed instructions for development of the concept papers, with a projected timeline for completion. Each unit developed its concept paper by addressing a variety of topics. These include: a) history statement; b) present curriculum offerings or present status; c) present instructional methodologies; d) direct support services; e) staffing; f) facilities; g) equipment; h) future directions; i) future course offerings; j) anticipated instructional methodologies; k) future staffing; l) future need for direct support services; m) future equipment needs; and n) future facilities needs.

The E&FMP Steering Committee also approved a process for concept paper review, which included initial review by program coordinators, division chairs or deans. A college-wide review by seven teams with cross-constituency membership followed. The overall task of these integrated college-wide teams was to assist the concept paper originators in improving their documents so that they would best support the College as a whole in the educational planning process. Each team reviewed a portion of the concept papers to ensure that the ideas presented were sound, valid, legitimate and viable. Upon approval by the review teams, concept papers were forwarded to the planning consultants for a final review and edit.

Common themes from these papers are evident and were used by faculty and staff to establish college-wide planning initiatives, and future action plans. A summary of the staffing, equipment, and facilities needs as listed in each of the concept papers follows.

Educational Plan

CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
Applied Arts & Sciences Office	Full-time receptionist Full-time office assistant Training in Datatel Adm. Services System Tech training	Ergonomic work stations Second workstation/desk for office assistant/receptionist Upgraded computer workstations and printers for part-time faculty Additional phone lines	Reconfigure Division Office Smart classrooms More space for: faculty office, student common area, storage Improve lighting and HVAC Improve office acoustics Reconfigure space to future needs
Academic Senate	1.5 released FTE Extend office assistant to 12-month position Telecommuting support	None	Increased office space and meeting area
Access Silicon Valley	Referral specialists Part-time intern positions Business practices training Tech training	Telecommunications linkage	
Accounting	Part-time specialty positions 1 full-time position Replace 2 full-time faculty within next 10 years	More computers Personalized web pages	Increased office and storage space for part-time faculty Smart classrooms Student makeup testing facilities More computer classrooms
Administration of Justice	Part-time specialty positions .400 release time for AJ chair per semester 1 half-time support staff/ instructional aide 1 POST, 832PC coordinator	New student seating New crime lab and photography equipment Need electronic shooting simulators & firearm equipment	Smart classrooms (crime lab) Distance learning Carpets Deferred maintenance
Administrative Services Office	Increase adm. assistant position to full-time 1 full-time financial assistant Increase office assistant in facilities rental office to full-time	Faster computers/more memory Color printer New furniture	Reconfigure/consolidate office Increased space
Admissions & Records	1 full-time Cashiering Supervisor 2 full-time student services technicians	New electronic equipment New standards with retractable belts/improved balancing capabilities Adequate computer equipment, telephones, fax machines for office at Branham High School	Reconfigure and consolidate student services, provide additional space Connect A&R bldg. with Counseling bldgs. (eliminate outdoor passageway) and student center Workstations with dividers Equip counter windows with security glass
Anthropology	Replace 2 full-time faculty within next 5 years	LCD Large flat screen for video	Smart classrooms Improved HVAC Locate food service/patio at north end of bldg.
Architecture/ Landscape Architecture	Part-time faculty positions	Ongoing equip. maintenance and software customization services	Remodeling AAS 3 & 8 into flexible studios More studio space with 24/7 access New faculty office Acoustic privacy for existing offices Large lecture space with current technology Improved lighting, signage and finishes for common areas

CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
Art	1 full-time replacement position 1 full-time faculty position 1 full-time technician Half-time director for Student Art Gallery	Burn-out furnace and blast-melting furnace 62 Windows NT(2000) computers with accelerated graphic cards and Firewire I/O 1 NT server 2 scanners, 3 digital video cameras, 2 digital projectors, 2 sound monitoring systems, 2 laser printers, 1 color printer, 2 large screen NTSC monitors, 2 digital-video VCR's, 1 chroma blue screer w/lighting 62 desks and chairs 4 book-shelves and 4 file cabinets	2 new drawing/design fully wired labs for large-scale digital media art work Art history lecture hall, tiered with seating for 100, audio-visual and digital technologies Centrally located art gallery/ instructional facility w/3,000 sq. ft. display area, storage, work room, office space 1 additional ceramic lab classroom Fine Arts Division media lab (w/2 classrooms, office and storage space
Articulation	1 full-time articulation assistant	High end computers Scanner with latest OCR capabilities, cordless mouse, laser printer, latest version Omniform document design program, laptops, high end LCD projectors	Smart classroom New centralized office for articulation officer
Assessment	1 full-time assessment coordinator	Regular computer upgrades	Increased office space
Intercollegiate Athletics	Increase men's soccer to full-time position Permanent staff to maintain athletic fields and other outside facilities 1 full-time instruction/asst. football coach Sports information director/ athletic webmaster	Ongoing purchase of state-of-the-art equipment	Completion of football/track facility with spectator seating for 2,000-3,500, lights, scoreboard Storage space expanded between rooms #7 & #8, and #11 & #12 Expand athletic training room baseball areas Expand athletic training room Expand main equipment room Complete retrofit of swimming pool, additional seating on east side, handicap access Resurface basketball courts Retrofit PE staff locker rooms Retrofit PE 10 Improve softball and baseball fields (new grass, upgraded sprinkler system) Upgraded sprinkler & drainage system for soccer field, complete wind screen around perimeter fence Replace windscreen around base-ball fence, install netting behind left field fence Resurface pathways around base-ball seating and batting cages Retrofit all outside walls around PE rooms. Trophy case and awards area

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CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
Advanced Transportation Technologies Center	1 part-time faculty position 1 full-time administrator 1 part-time web site programmer several interns	Additional computers, software, desks, video/presentation equipment, accessories for staff/clients.	Increased space, access to auditoriums and classrooms
Biology	New full-time faculty in areas of plant biology and zoology E-mail training Technology support	Overhead projectors, video projection w/remote, switchbox for alternate input w/1-2 screens, multi-media play devices Regular replacement/upgrade of lab equipment Appropriate equipment for campus as living laboratory	Reconfigure labs: remodel SM24 to seat maximum of 24 students, move Bio 47 & Bio 48 to SM24, convert SM24B to cadaver dissection room, SM26 made into study area/museum/meeting room Convert SM22 to smart lab Redesign microbiology lab
General Business	Additional faculty	Additional internet connections, new video monitors, video, players, overhead projectors, overhead projectors w/computer capabilities Phones and computers for adjunct faculty	New flexible classroom for 80+ students Remodel classroom to look like court room Business library or meeting room Increased space for adjunct faculty
Business Division Office	1 full-time receptionist Office should be staffed year round Technology support	Phones, fax facilities, high capacity state-of-the art duplicating and print equipment, color printer, access to internet Ceiling mount projectors	Reconfigure office to provide private space Reception area Sound-proof work station with adequate storage for office coordinator Small kitchen facility Heating/air conditioning in restrooms Smart classrooms Increased space for classes/ meeting rooms
CPTAC	Microcomputer support person, also serving as webmaster and assist with distance learning	Computer projector w/laptop, larger TV monitor, faster computers with more memory	Increased space
CalWorks	Increase part-time counseling coverage to 12 months 1 full-time job developer	Shared support services database Replace and upgrade technology regularly	
Campus Center/ Student Activities	Reclassify current office coordinator position to assume office supervisory duties and/or addition of a new supervisor position 1 clerical support position Campus Center Coordinator/ Recycling Coordinator	2 - 3 PCs, 3 PC laptops, 2 digital projection units for computer generated presentations (such as PowerPoint, high quality networked digital copier/printer, color laser printer, fax machine w/ sheet feeder, paper shredder, commercial quality sign/banner maker and laminator, 4 modern desks and computer workstations, new lounge furniture, 60" - 72" projection television for TV	New Campus Center double in size existing facility, designed as a campus entry point, consolidating all student services into one bldg., including: relocation of bookstore, more offices, work-space and meeting rooms, state-of-the art conference and events center, multi-cultural center, new WVC center for community, new learning center/tutorial services office, health services office, print

CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
Campus Center/ Student Activities (cont'd)		lounge, new chairs and table in Baltic Room, replace kitchen appliances in cafeteria	/copy center, convenience store, tickets/events sales office, cyber-café and coffee/expresso shop
Career Programs Center	1 full-time job development/ employment specialist 1 full-time program developer for Contract Education 1 full-time administrative support for Contract Education Expand counseling position to 12 months Expand /adjust staffing hours to provide evening & weekend coverage Staff development to provide cross training for staff	Technology replacements/ upgrades, phone for student use, coin-operated copier for student use, increase student access to employment related information via computers in Tech Center or Library	Interviewing room w/phone and computer Additional staff office space Increased classroom space for contract education
Chemistry	Reinstate stockroom manager's position to 100% Part-time computer lab assistant New faculty to replace retiring faculty Technology training/support Tutors	Upgrade computers in instructors' offices Computer lab furniture for 12 workstations Upgrade lab instrumentation Computer projector w/laptop	Remodel labs to meet state-of-the-art instructional and safety requirements New computer lab HVAC Upgrading/extending hazardous materials area
Child Studies	Technology training/support	E-mail and internet access for all students Updating computers, color printers, scanners when necessary Digital video, digital video display, video conferencing New workstations, tables and chairs Replacement of sound system in observation booth in lab school	Smart classrooms Lighting, signage, circulation Student gathering place Sink and water in classrooms, increased electrical outlets, secure storage areas, new paint and carpeting, teacher resource room w/internet access, private meeting area, keyless access system to bldg., official loading/ unloading area
Computer Information Systems	Technology training 1 full-time instructor Additional instructors as curriculum expands	Ceiling-mounted computer projectors, upgraded projectors, improved sound systems, regular replacement policy for computers to be recycled to areas not needing high capacity machines.	Computer classrooms maintained with contemporary software, hardware and computing techniques Internet connections in all BUS rooms Instruction stations with computers in all lecture rooms w/appropriate projection system Work room to assemble/dis-assemble systems Flexible classrooms/facilities
Classified Senate	Administrative assistant position	Telephone, small copy machine, printer, workstation with computer, e-mail access, filing cabinets, bookshelf	Designated office space
Community Service Learning	0.2 assigned time for faculty coordinator 1 full-time classified staff person Joint coordinator	Computers	Designated space
Communication Studies	Replace 1 full-time faculty within next 5 years	1 LCD projector, 2 Power Macs, 2 PCs, 2 portable microphone systems, 2 mounted cabinets, 4 modular tables,	Carpeting Smart classrooms Intelli-Key Key system Move wall between LA 20 & LA 21

CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
Communication Studies (cont'd		current software to sustain classroom, speaker evaluation software, printers, scanners, digital white boards hand-held video recorder, microphones, white boards, wall mounted TV/VCR combos	Remove platform in LA 20
Community Education	Second-level supervisor	More powerful, high speed computers	Increased classroom space
Computer Applications	Full-time instructors and part-time instructors with specialties	Realistic replacement of computers and software	Smart classrooms Experimental facility
Contract Education	1 full-time program developer 1 administrative assistant Staff development	None	Flexible space
Counseling	1 career/computer counselor, 1 student services tech support person, additional part-time counseling persons, 1 full-time licensed counselor, senior student services technician, counselor, 1 international student counselor, 1 athletic advisor/counselor, f.nd ambassadors, 3-5 work study students	6 laptops (linked to mainframe), projectors, air mouse, 6 surge protectors, scanner and computer camera, updated computers and printers, faster internet access, replace all counselors' office chairs	Convert existing patio and front of Counseling Bldg. to smart classrooms Enclose breezeway between counseling and admissions to connect facilities Consolidate counseling services in one bldg., staff room for group working meetings Move Transfer/Career Library to space currently used for assessment office Safe and secure storage space Cover walkway between Counseling Bldg. and campus center Covered patio on grassy area between Counseling Bldg. and student center for faculty lunch room/meeting room Improved ventilation Improve layout of counseling rooms for safe working conditions with violent clients ADA access in counseling rooms
Court Reporting	Full-time instructor to replace retiring instructor (2000) Technology training	Updated computer equipment Internet connection Digital projector system Secure storage Videotaping & videoconferencing equipment	Dedicated computer lab including: area for videotape multi-voice practice; cubicles for audiotape practice; real-time computer hardware/software stations; TV connection for closed captioning training; internet connection
Curriculum Office	Full-time administrative assistant to replace position eliminated in 1994	Updated computer and printer equipment	Include Curriculum Unit in a centralized Office of Instruction
Office of Instruction & Matriculation	Additional staffing to support interdisciplinary programs	None	Faculty lounge/dining room Improved physical layout that encourages interaction among faculty and staff
Dean of Student Support Svcs	Additional dean Additional administrative assistant	Workstation; 2 laptop computers; 1 projector; beepers; cell phone; desktop videoconferencing equipment; zip drive; digital camera; cd writer	Additional work space and storage

CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
Digital Media	Instructor in Digital Media and Internet services On-going technology training Flexibility in hiring on an as-needed basis	Equipment to test new technologies and allow for mixed computer platforms Drawing tables and chairs Servers, routers and switches Video equipment Camera equipment (still and video)	Smart classrooms Work space and meeting rooms Video/Photographic studio Wireless classrooms Facilities that encourage collaborative teaching environments
Distance Learning	Additional permanent classified staff positions	2 digital video recorder/players Standard course management software package and dedicated server On-going computer upgrades	Increased work space
Economics	Full-time instructor to replace retiring full-time instructor	None	Computer lab Remodel SS-61
Educational Transition / Adult Re-Entry	Hourly certificated re-entry Counselor (60% FTE) Full-time Workforce Program Advisor Full-time Classified Adult Outreach and Recruitment Specialist Receptionist (60% FTE) Hourly Clerical Assistant (60% FTE) Certificated part-time Counselor at BHS (60% FTE)	Replace 7 computers in next 3 yrs. 5 new computers Laptop 2 computers for student use Additional network connections Lightweight advertising boards and outside announcement board For BHS, need updated computers, copiers, faxes and telephones	Facility size doubled to 1,500 sq. ft. to include 10 offices, reception area, smart conference room, workroom with sink/running water, storage shelves/cabinets, student resource room, student lounge, restroom and drinking fountain, adequate network connections
English as a Second Language	4 Full-time ESL instructors	Classroom computer with data-projection unit/software Videotape dubber Additional ESL software	3 additional classrooms Office for new faculty Language lab classroom and open lab 500 sq. ft. additional ESL Skills lab
Engineering	Additional part-time instructors	More computers Electronic test equipment	Lab for analyzing engineering materials
English	3 full-time faculty in next 3 yrs to replace retiring faculty Staffing, as needed, to meet CAW Lab and Classroom support Staffing, as needed, to meet expanded Writing Skills Lab	Unrestricted access to copying New furniture, texts, computers, software for Writing Lab ADA compliant desks in CAW lab and classroom Networking of computers in CAW Open Lab and Computer Classroom 35 new computers, 2 laser printers,	Improved air conditioning Smart classrooms Carpeting New computer classroom New computer lab Additional office for full and part-time faculty
Extended Opportunity Programs and Services	On-going technology training	Compatible computers/software all staff 2 new computers with printers Internet access Computer equipment for student use with current software Fax machine Ergonomic desk and chairs for all staff	Permanent facility with private offices and reception area
Ethnic Studies	Full-time coordinator position for 2 semesters, then part-time chair	New and updated books, videos, and other instructional materials on ethnic groups	Smart lab Faculty work area Smart classrooms Instructional space to encourage collaborative learning

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Educational Plan

CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
Fashion Design and Apparel Technology	1 full-time lab technician Need for instructional aides Permanent on-site technology support	New production equipment and larger format color printer On-going computer and software upgrades	Smart classrooms Space for Small Business Incubator Remodel existing production lab Phone/data lines in labs/classrooms Creative studio/classroom Adequate work space for part-time faculty Adequate space for group work/ study Improved HVAC system
Financial Aid	1 supervisor to oversee operation of Department 1 student services technician 1 additional staff to coordinate recruiting and training program	Desks, reference tables, phones and computers Microfilm or CD equipment to manage student records Replace 4 computers	Consolidate Financial Aid Office with Admissions & Records, Counseling, EOPS, Supported Education Programs and Educational Transition into one building
Fine Arts Division Office	On-going technology training	Updated Scantron machine Technology replacements and upgrades as needed Color scanner Color printer Additional printers Telephone and desk for part-time faculty use	Redesign/expand Sr. Office Coordinator's office in a permanent location Office space for part-time faculty Small conference room
Foreign Language	2 full-time instructors 1 full-time instructor for ASL Additional lab assistants	Updated computers Internet access	More language lab space
Geography	1 full-time instructor	New TV monitor and player Computers	Smart classrooms
Health Care Technologies	Additional part-time faculty 2 full-time faculty	Phlebotomy equipment, massage therapy equipment, holter monitors and treadmill, reflotron blood chemistry analyzer, Welch-Allyn automated blood Pressure Cuff, EKG machine, new transcriber units, computerized medical records software, new transcription tapes Computer, printer and internet access for faculty resource room New computers for classrooms Secure student storage medical records software, new	New HVAC system Space for student study groups Smart classrooms Cardiovascular lab Massage therapy room Faculty work area with technology access
Health Education	1 full-time health education certificated position Change full-time classified assistant athletic trainer position to full-time certificated position Additional support staff such as classroom/lab aides	On-going purchase of new equipment to replace old equipment	Storage space in rooms PE 4 & 5 Additional health storage in main PE equipment room PE 2 reconfigured to smart class-room Health and Wellness Center
History	Additional secretarial help 1 new full-time historian	E-mail for all faculty Phone service for all faculty Modem Xerox machine Upgraded computers for all faculty and 3 upgraded computers for workroom, 1 upgraded computer for Office 1	Smart classrooms Computer center for Social Sciences Operable windows, skylights Flexible classrooms New carpeting, painting, lighting Soundproofing New HVAC system

CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
History (cont'd)		LCD projectors Modern overhead projectors with extension cords New screens for power point presentations New TVs and VCRs Palm Pilot Testing Systems in classrooms Tables and desks	Repaired ceilings
Honors Program	Half-time assistant	Laptop for each student	Use of smart classrooms Large meeting room
Humanities	Full-time assistant Full-time secretary (AB 1725 ratio)	New computers - bus services Telephones AV/TV equipment Tables - large desks	Use of smart classrooms Dedicated computer center HVAC, lighting, carpets
Instructional Services	Full-time classified staff Tech training	High end computers Upgrade funding	Increased space
Institutional Research	Full-time research assistant Technical training	High end computers Laptops	None
Office of Instructional Computing	2 full-time classified positions Software and web page specialist	Server based system with terminals - pilot project	Centralized/unified computer centers Meeting room
Interior Design	2 part-time faculty 1 web classified	None	Design studio (flexible) Enclosed offices w/glass wall
Job Placement Center	Full-time job developer classified	New computer, fax machine copies, periodicals, newspapers, CD/Rom	More space for: workrooms, employee interviews, employment literature
Journalism	Part-time faculty Part-time lab assistant	New computers New scanner Large size printers Fax machine	Use of smart classroom Use of office space
Language Arts Division Office	None	New computers	Office space for FT and PT faculty
Leadership	Full-time faculty Pat-time faculty Instructional aide	Safety equipment Radios 2 vehicles, raft Computers, AV/TV	Climbing wall, studio room, security locks, training center, semi-smart classrooms, faculty offices, meeting rooms, student workstations, security storage, telephones, HVAC and lighting
Learning Resources	Additional classified staff	New computers, new copier, new furniture	Remodeling of office space
Library	High-technology staff, Technology training	New library furniture, new carrels, new service desks, additional new computers, multimedia servers, ports for laptops, public service display cases	Security systems, more room for electronic access Complete redesign and renovation of library
Mathematics	Replacement of full-time faculty over next ten years lab coordinator	New computers, digital projectors, graphing calculators, AV/TV equipment, laptop computers	More space for Math Resources Center Tutoring, group study, independent study, math patio, Move math classes to math science bldg., larger smart classrooms, more offices for FT and PT faculty, meeting rooms.

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CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
Matriculation	None	New computers, upgrade mainframe computer	More space needed at better location
Music	Replace retiring faculty Need additional faculty experienced in electronic music	New electronic music equip, digital audio equip for distance learning	Renovate music facilities, new experimental laboratory studio, expanded storage space
Nutritional Sciences	Part-time faculty	New computers and instructional aids, network printer	Flexible studio classrooms, ADA improvements, acoustical insulation
Physical Education	Full-time and part-time faculty, and specialist	State-of-the-art PE equip. to include fitness and adaptive PE, classroom furniture	Expanded storage space, restrooms on training fields, stadium, baseball field and pool seating, expanded athletic , Adapted PE, marshal arts, weight, aerobics and fitness training labs, renovation of pool, replacement of equip., Adapted PE training pool, training labs, rock climbing wall. Entrance modifications for handicapped students and athletic teams.
Paralegal	Part-time and full-time faculty	New computers and projectors, more power outlets, TVs, VCRs, new classroom furniture	Study room, group workroom, faculty workroom, computer based information centers
Park Management	Part-time and full-time faculty, instructional aid	Computers, motor vehicles, JPS systems, safety equip. - pools, rope, ladders, radios, etc	Climbing wall, storage rooms, keyless security system, smart classrooms, museum room, faculty offices for full-time and part-time, meeting room, AV/TV storage room, nursery room, improved HVAC and lighting systems, dormitories
Physical Education Division Office	Office assistant	New computers, scanners, printers, copiers	Workrooms, staff office, office for part-time faculty, smart classrooms
Photography	2 full-time, 1 part-time faculty, technician	Photo equipment enlargers, new computers, scanner, servers, printers, projectors	Upgrade and expand studio to relocate off-campus leased space to campus
Political Science	Additional secretarial help 1 full-time faculty	E-mail for full and part-time faculty Phone service for full and part-time faculty Modem Xerox machine Upgraded computers for all faculty and 3 upgraded computers for workroom, 1 upgraded computer for Office 1 LCD projectors Modern overhead projectors with extension cords New screens for power point presentations New TVs and VCRs Palm Pilot Testing Systems in classrooms Tables and desks	Smart classrooms Computer center for Social Sciences Operable windows, skylights Flexible classrooms New carpeting, painting, lighting Soundproofing New HVAC system Repaired ceilings

CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
President's Office	College public information office position Special Assistant to the President	Upgraded computers and work stations New furniture	Reconfigure office for greater efficiency and privacy
Printing Services	Additional hourly staff	Regular upgrading computers/ software B&W 11 x 17 printer Color printer Digital color copier/printer New copier (60 CPM) Digital camera Server	Reconfigure space for greater efficiency
Puente	1 full-time counselor or 2 part-time counselors 1 full-time administrative assistant Peer advisors and tutors	4 computers with internet access 4 couches, 8 couch-like chairs, 2 eight-foot study tables, 2 eight-foot tables for lounge, 16 chairs, microwave oven, refrigerator, toaster, coffee pot, counter top, cabinets for storage, sink	Student lounge and study areas
Reading	2 full-time positions On-going technology training	Upgraded computers, more computers	Regain use of 2 reading rooms presently used by other depts. Remodel Reading Skills Lab Additional faculty office space Office space for part-time faculty
Student Services Division Office	Division Office coordinator 100% assigned time for division chair	3 PC computers with laser printers Desks, bookshelves, ergonomic chairs, scanner, fax, instructional and professional materials telephones, 2 additional laptops with portable projectors Work station	Central/common area for office including division chair office, division coordinator workstation, and a conference/meeting room
Student Senate	Instructor to teach Senate-related course	More computers with internet access, laptops, video and camera equipment Student activity's vehicle	New building to include: Student Senate Office, meeting room, multi-purpose auditorium with theater screen, offices for student organizations, multiple club meeting rooms and conference rooms, broadcasting station
Philosophy	Replacement of 2 full-time faculty within 15 yrs. Part-time faculty	New computers and laser printer CD play, video monitor, video player, tape player, laptop with projection capacity	Smart classrooms near each other
Physical Sciences	Physics/physical science technician 1 full-time physics/physical science instructor Part-time astronomy faculty Full-time faculty positions to replace retiring faculty Lab/planetarium support technician Hourly instructional/adm support	Software, sensors and computer interfaces On-going replacement of equipment and technical support New equipment for solid state physics experiments 10 computer consoles capable of supporting interactive animation and map manipulations	Reconfigure classrooms for convenience access to storeroom Smart labs Expand planetarium bldg. to incorporate smart labs/classrooms Small observatory facility on campus Redesign science museum
Psychology	2 full-time faculty Additional direct support services	Computer upgrades LCD projectors G3 Macintosh computers 2 state-of-the art overhead projectors	CNB Lab adjacent to open lab

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Educational Plan

CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
Outreach and Recruitment	1 full-time counselor 1 recruitment specialist 1 full-time adult outreach specialist 1 financial aid outreach specialist 1 full-time assistant to support Outreach Office 1 full-time public relations/ production position	Desktop video conferencing equipment laptops with projection options kiosks off campus CD's with link to College's website videos Current print materials	On-line access to counselors Cluster Outreach, Assessment, Admissions, Financial Aid and Counseling in a contiguous space
Small Business Development Center	Business Counselor/Deputy Director position 1 full-time program assistant	None	Moving to new office space
Science/Math Division Office	May be need for current 50% office assistant to work more hours Physics lab technical Technology support	2 fast copiers New printer Backup computer/media equipment On-going updating of equipment Ergonomic workstations Upgrade planetarium equipment	Additional space for adm. assistants
Skills Net and the Skills Center	Skills Net Coordinator (full-time) Skills Center Instructional Assistant (full-time) Skills Center Office Coordinator (full-time)	On-going computer upgrades	ADA compliant labs Centralize and expand space
Social Science Division Office	None	New classroom furniture Upgraded computers	10 offices for part-time faculty 3 additional classrooms New HVAC system, lighting, soundproofing, operable windows Smart classrooms New conference room/social science library Remodeled photography lab Carpets
Sociology	1 full-time faculty to replace retiring faculty 1 new full-time faculty Additional tutorial and counseling help	Updated computer software	To be determined
Sports Medicine	Potential need to reclassify full-time classified assistant athletic trainer to certificated position On-going training	Anatomy models and other visual aids. Computer educational programs Basic medical supplies Additional therapeutic modalities Transportation electrical cart	Remodel lab/rehabilitation room for permanent use Remodel hydrotherapy area
Staff Development	None	2 computers - Macintosh and Windows platforms, laptop, black and white and color laser printers, scanner, video equipment, tele-conferencing capabilities; computer projector, fax machine, business and educational software, textbooks and references, CD library for graphics Workstations, filing cabinets and circular conference tables	Staff Development Resource Center including: meeting space, faculty/staff workroom with computer and tabletop work-stations, office and storage space
Student Health Services	Full-time Health Educator, MPH Full- time Personal Counselor, LCSW Full-time RN and Coordinator	Update computers and software All staff have e-mail access 2 new computers Laptop	2 new exam rooms Group counseling room Additional space to house Health Services Resource Library, A/V

CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
Student Health Services (cont'd)	Office Coordinator Physician Full-time Receptionist/Data Mgr	Fax and copy machines State-of-the-art medical equipment equipment and programs	SHS lavatory in close proximity to exam rooms 5 offices for staff Staff lounge
SUCCESS	1 full-time counselor or 2 part-time counselors Additional English instructor Project assistant Tutors and peer advisor Personnel recruiter	2 computers with video-conferencing	Resource center Program office
Supported Education Program	1 full-time receptionist/adm. assistant 3 faculty positions 4 support positions	Regular upgrades of computer equipment Specialized equipment as needed Maintain/replace trams as needed Laptop and projector	
Silicon Valley International Trade Center	None	Videoconferencing On-line trade show State-of-the-art technology	Space at College
Technology Center	2 software technician positions Graphics/Web Design support position	Video conferencing equipment Replace instructional networking hardware Increase bandwidth Computer equipment in lab should be ergonomic in design Upgrade technology equipment every 2 - 3 yrs.	None
Theater Arts	Part-time box office/publicity assistant 1 full-time TV/Film production technical assistant 1 full-time TV production engineer 1 instructor	Update sound system Update lighting system Update monitor and cueing system Update TV Studio cameras, camera control unit, sync generator, switches, lighting, chroma-key system Film editing/special effects equipment	Redesign Theater lobby Black Box Theater New HVAC system Outdoor lighting Remodel TA 28 and TV studio to provide more instructional space New classroom near Theater Computer lab with recording and production space
Transfer Center	0.50 Transfer Center Director Full-time counselor/specialist Full-time technician to support ASIST Part-time on-line counselor 2 part-time counselors at off-site locations Full-time clerical assistant Release time for special program counselors, faculty advisors, TransferNet members	Document imaging equipment, student workstations, desktop video conferencing equipment, laptops with linked to WVC and projection screens, transmobile, advertising boards, announcement board, student identification /usage system	Student Development Center housing all student development programs and services. One-stop/ one-shop center
Tutorial Services	Evening and weekend certificated supervision and part-time hourly clerical support staff	Updated computers and software	More study rooms Reconfigure student support labs into a LRC
Television/ Audio Visual Operations	Additional hourly staff for AV operations or full-time AV coordinator Bulletin board producer and tele-course playback operator Hourly operators and technicians TV and video systems engineer	Systematic schedule for upgrading classroom AV equipment and TV and production equipment 3 digital camcorders with tripods and wireless microphones, 4 digital editing suites, digital video playback decks, time-based	Smart classrooms New wiring New HVAC system Dimmer controlled lighting

CONCEPT PAPER SUMMARY			
	FUTURE NEEDS		
DEPARTMENT	STAFFING	EQUIPMENT	FACILITIES
Television/ Audio Visual Operations (cont'd)	On-going technical training	correctors, computer-based video bulletin board, graphic keyer, mobile video-conferencing system, updated Mac and PC computers for TV studio control room, DAT recorder, equipment enhancements for Interactive Learning Classrooms, programmable video media server, large capacity multimedia server coupled with AV routers	
Vice President Instruction	0.60 FTE office assistant position Potential need for additional staff if weekend/evening programs increase substantially	Copier with stapling and collating functions Ergonomic furniture	Additional space for instructional incubator site with smart classrooms, faculty offices, space for shared clerical assistance, shared conference room Reconfigure existing space to provide for larger meeting facility, efficient work stations and efficient circulation New carpet New HVAC system Improved signage
Vice President Student Services	1 full-time classified administrative assistant	State-of-the-art computers, desktop and laptop Convert data storage to CD Rohm technology Real-time links with remote locations (LHS and BHS) Pager/cell phones	Consolidate student services into 2 or 3 central buildings at the main entrance Expanded/remodeled Campus Center as centerpiece bldg. Close physical linkages with Skills Net and other basic skills and support labs
Women's Studies	0.263 FTE for Introduction to Women's Studies course	Computer, telephone, desk, large bookcase	Center for Community to house Women's Studies, Ethnic Studies Honors Program, Leadership Program, Global Education, Puente, SUCCESS, International Partners, Community Service Learning
Work Experience	Part-time program assistant Part-time internship advisor and work-based learning specialist	Upgraded computers Multi-function Xerox Bulletin board	Office space for part-time faculty Permanent office space for program coordinator Conference room

The Educational Initiatives

The Educational and Facilities Master Plan Steering Committee designed a series of three, one-and-a-half day retreats to analyze and synthesize the concept papers and develop educational initiatives based on the analysis. Retreat participants included the steering committee, the planning consultants, and representatives from the following groups: instruction and student services divisions; student services program coordinators, College administrators; Academic Senate, Classified Senate and Student Senate, and the District Director of Facilities. The resulting group numbered over 60 representatives from across all College constituencies.

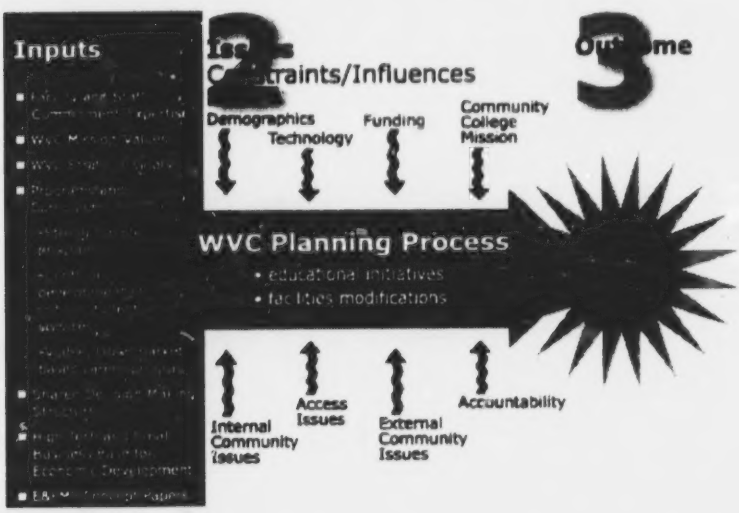
The steering committee set the following outcomes go for the retreats:

1. Development of a list of issues/influences/constraints, which West Valley College would need to address to meet its future challenges. This list would be developed through an analysis of the planning resource documents.

2. Analysis of how well the concept papers as a whole address the identified issues/constraints and a synthesized list of initiatives, which will enable West Valley to meet future challenges.

3. Design solutions, presented by the consultants, which would assist West Valley in translating its initiatives into facilities planning.

The diagram below presents a graphic overview of the analysis and synthesis process undertaken through these three retreats.



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The Educational Plan

Using the concept papers and other resource documents, retreat participants developed a list of possible initiatives and directions for the College. Nine college-wide initiative themes were clearly identified:

- Technology
- Outreach
- Student Services Development
- Educational Program Development
- Staffing
- Organizational Structure
- Internal Communication
- Accountability
- Facilities

Retreat members used the nine themes to develop educational initiatives for the College to consider. Initiatives developed from the first eight themes were ranked. Since the ninth theme, Facilities, seemed to have universal importance throughout the concept papers, it was not thought necessary to subject action items from this area to a ranking process.

Two parallel strands of action were developed: 1) addressing identified future initiatives through educational programming solutions; and 2) consultant proposed design solutions to meet challenges of future facilities needs. The first strand lays the foundation for the on-going work to be undertaken by West Valley College faculty, staff, students, and administrators outlined below. The second strand formed the basis for the West Valley College Facilities and Resources Plans, which flow from the Educational Plan. The college-wide initiative statements are presented below:

Technology

- Develop a comprehensive program of assistance for users of technology that includes training, technical support, consulting, and instructional development.
- Institutionalize the processes and plans for on-going acquisition of instructional equipment and computer technology.
- Provide faculty, staff, and students on-demand, efficient, and reliable access to technology.

Outreach

- Establish a coordinated outreach program, with appropriate staffing and resources, to increase student access, diversity and inclusion.
- Increase collaborative partnerships with business, industry, education, and the community.
- Implement a comprehensive marketing plan integrated with College goals.

Student Services Development

- Develop reliable, user-friendly registration processes and student services focused on student needs and customer service.
- Provide student services that support all modes of program delivery, e.g., satellite campuses, on-line courses.
- Improve campus climate through activities and events that foster diversity and inclusion.
- Support increased student participation in leadership activities.

Educational Program Development

- Continue to use quality program design to develop and renovate programs and services by:
  - establishing and promoting standardized processes for program planning, review and implementation
  - conducting on-going research on the impact of internal and external influences on the College
  - ensuring that facilities reflect pedagogy
  - utilizing a cross-disciplinary team approach throughout the College.
- Expand programming to assess, address, and promote student proficiency in the following areas:
  - basic skills
  - limited English proficiency
  - essential Skills, e.g. SCANS.
- Refine and expand delivery systems for programs and services to provide greater access and support for varied learning modes that include:
  - distance learning
  - flexible scheduling
  - alternative pedagogy
  - satellite locations
  - collaborative learning
  - accelerated and intensive courses.
- Respond to the complex nature of problem solving in our society by establishing inter-disciplinary programs and courses.

- Expand learning resources to increase student access to and skill in using information and technology.
- Develop a process for funding and integrating new programs into the College.

Staffing

- Provide institutional support for all staff and faculty to maintain currency in their fields by:
  - establishing a College staff development resource center
  - providing resources and incentives to promote professional growth.
- Develop a competitive compensation structure that attracts and retains high quality staff and faculty.
- Develop a plan to ensure an adequate number of faculty and staff to serve student needs, program offerings and College functions.
- Establish a program to promote and maintain wellness.

Organizational Structure

- Ensure that the College organizational structure supports a student centered learning environment by providing resources to
  - promote collaboration and teamwork
  - support a 12 month college structure.
- Provide more timely, effective and seamless student services, e.g., by clustering Student Services in a single location.
- Develop an organizational structure that supports interdisciplinary programs.
- Collaborate with the District to review and assess the effectiveness of District Administrative Services and to improve the quality and timeliness of the services provided.
- Provide increased organizational support for program development, implementation, and revision.

Internal Communication

- Develop an increased sense of community among faculty and staff by creating a faculty and staff gathering place that facilitates interaction and camaraderie.
- Develop a comprehensive, multi-faceted system for sharing information throughout the College.
- Develop a more inclusive, college-wide process for reviewing the efficiency and effectiveness of programs and services in light of established College goals.

Accountability

- Systematically collect and analyze data on potential, current and former students to identify emerging needs and trends.
- Integrate research and development into established College processes.
- Conduct ongoing research on its external communities to determine attitudes, opinions and needs.
- Establish a culture of evidence and an etiquette of inquiry.
- Make more effective use of data to direct the planning and apportionment of resources.
- Revise the faculty/staff evaluation processes to improve their effectiveness and efficiency, and develop programs that support mentoring and recognition of best practices.

Since existing facilities are inadequate to implement the educational initiatives, planning consultants have developed a set of facilities solutions and siting schemes, each of which addressed the educational program planning considerations developed through the planning process. See the facilities plan for details of those proposals.

Next Steps

Following Board approval of the Educational and Facilities Master Plan, West Valley's College Council will review all of the educational programming and services initiatives and recommend a process for implementation beginning in Fall Semester, 2000. Groups across the campus will be asked to take charge of specific initiatives and to move the College forward.

College Council will also recommend modifications to the College's resource allocation process, so that the education and facilities master planning drives the allocation of resources: fiscal resources, physical resource and human resources. In Spring 2001 West Valley will undertake its first fiscal resources allocation for the 2001-02 budget development.

In addition, West Valley College will prepare several initial project proposals to be submitted to the State Chancellor's Office for the 2001 capital projects cycle. The College will seek District funding to augment available State monies in order to fast track its facilities construction and reconfigurations.

Facilities Development and the Educational Plan

The Facilities Plan is the direct expression of goals identified by the Educational Plan. These goals were derived from three primary levels of investigation:

First, the consultant planning team studied existing college facilities to determine the ability of all areas to meet contemporary teaching and services standards. In general, the character of campus areas reflects the date of building construction. Most finishes display the level of wear that could be expected from the age of these facilities, and building services are generally inadequate to support the current level of use. Classrooms are typically configured to support instructor-centered lecture presentations. The lack of physical area and technical accommodation for interactive, computer-based instruction is particularly obvious.

Second, the concept papers were evaluated for specific instructional methods and service requirements. Most departments and service groups reported the need to create facilities for computer-based instruction, and all groups identified the need to modify existing areas for information-based technology. Deteriorated interior materials, somewhat primitive lighting, and inadequate mechanical systems were all cited as distractions to teaching or service activities.

Finally, the relationship of facilities to educational goals was summarized in a series of retreats initiated by the College. Representatives of the various departments and service groups reviewed and evaluated all concept papers to form a comprehensive assessment that included the following facilities considerations:

- **Create interdisciplinary learning spaces.** Combine the inherent economy of shared facilities with the academic benefits of cross-disciplinary contact and social interaction.

- **Redesign classrooms to include studio-type and flexible learning environments.** Accommodate variety in instructional methods and learning styles.

- **Provide flexible "smart" classrooms for all programs.** There is little existing capability for computer-based interactive learning. The creation of additional facilities, distributed throughout campus buildings will be undertaken in any future remodeling projects.

- **Add office and storage area for new and existing programs.** Current space allocation does not accommodate the increasingly

complex support requirements for the instructional and service programs.

- **Provide workspace for adjunct faculty.** Departments depend on part-time faculty to provide services. Little or no office or support area is currently available for these instructors to prepare and store materials, or to meet with students.

- **Consolidate student services programs.** Closer physical proximity will promote accessibility for students and enhance communication between service groups.

- **Create a faculty commons.** The development of a dedicated area for faculty and staff interaction, professional development, and public presentations will encourage collaboration and interdisciplinary teaching.

- **Provide safe, ergonomic, and accessible facilities.** All future modifications must meet current regulatory requirements. Improved seismic performance, automatic sprinkler installation, HVAC replacement and the removal of remaining impediments to disabled access will be undertaken.

- **Incorporate wellness concepts in facilities design and campus planning.** The health benefits accruing from occupant comfort and control translate directly to improved performance.

- **Preserve the campus natural environment.** Identify and protect Heritage Trees. Restore the Vasona Creek environment to native riparian habitat. Combine these conservation efforts with the development of dedicated outdoor instruction areas.

- **Explore and expand the use of off-campus facilities.** The continued viability of the College depends in part on broadening the regional base. Increased visibility and access to programs is essential to this effort.

- **Schedule facilities use to eliminate proprietary attitudes.** The College will initiate methods to oversee the effective allocation of area. The goal is to limit competition for resources, and to limit the need to construct additional facilities.

Existing Conditions

Site Conditions

The District encompasses a 218 square mile area within Santa Clara County that includes the cities of Campbell, Los Gatos, Monte Sereno, Santa Clara, Saratoga and a small portion of San Jose.

The West Valley College campus is located within the city of Saratoga. The immediate built-environment is characterized by relatively small (one to two-story) municipal, commercial and residential structures. The campus is bounded on the west by Fruitvale Avenue, a secondary street with significant local traffic volume. The northern boundary is formed by a smaller street- Allendale Avenue. Single-family residential properties lie immediately to the east and south.

The campus is traversed on the northeast- southwest axis, by a natural waterway, Vasona Creek. The steep banks of this small creek are covered with native and endemic plant materials, including large trees and shrubs. While the creek and adjacent plant materials provide a unique landscape/ environmental feature, the undeveloped, and hence inaccessible character of the area effectively divides the campus.

Site topography consists of rolling terrain, generally sloping toward the creek. The admirable quality of maintaining the original contours of the site result in significant physical separation and grade changes between buildings, and again somewhat limits the opportunities for large-scale interaction.

Site vegetation is primarily defined by a variety of mature, broad canopy trees, including California oaks. Considerably larger in scale than the campus buildings, these trees contribute greatly to the character of the college.

A perimeter roadway partially encircles the campus. All parking lots and the athletic fields are located on this periphery, Road access to the central campus is limited to service vehicles only. An extensive system of walkways connects the buildings. While contributing to the informal nature of the campus, the extent of system also serves to disperse traffic and complicate way-finding. Concentrating foot traffic for clarity, interaction and reduced maintenance is recommended.

The Facilities Plan

Building Characteristics

Most permanent structures were designed and constructed between 1968 and 1974. Since the design was performed by a single, joint-venture, architectural association, these buildings tend to employ similar features and construction materials. Physical similarity, developed within the mature landscape provides an overall cohesiveness to the campus.

Campus and building design reflect general planning considerations of the period; a rational, 30' x 30' planning grid was established for the site. Buildings were then sited informally and configured to form courtyards and plazas.

All permanent buildings are single-story. These twelve structures are constructed over a series of terraces, and in some cases employ grade changes within the building. The 30' x 30' planning grid is generally employed as a structural bay. The poured-in-place concrete columns are expressed, with spandrel bays composed of a combination of glazed openings, ceramic tile shingles, and cement plaster.

Roofs are generally flat, incorporating broad overhangs with deep fascias, and covered walkways. Rooftop mounted mechanical equipment is screened by sloping, wood shake clad equipment screens.

Seven relocatable temporary structures were added after the initial build-out. These are of modular, wood frame construction, clad with painted plywood panels and wood battens.

Two former residences complete the inventory of campus buildings. These two-story, stucco-clad structures, the Carlson and Giurlani houses are currently used for storage, and for community education.

Distribution of Space by Use

West Valley College currently lists 336,075 assignable square feet of area for Instructional and Support Major Categories. A summary of the distribution of space by use is shown in the table on the next page. Note that the "Other" consists primarily of cafeteria, lounge, bookstore, meeting rooms, and facilities/ storage areas.

Type	Description	ASF	% of Total
100s	Lecture	38,644	11.5%
210-225	Laboratory	73,497	22%
300s	Office	48,881	14.5 %
400s	Library	26,787	8 %
520-535	PE	57,607	17 %
530-535	Media	3,095	1 %
610-615	Assembly	12,679	3.8 %
Varies	Other	74,885	22.2 %

Source: "2001-05 Five-Year Construction Plan for West Valley-Mission Community College District"

Distribution of Space by Room Type

West Valley College lists 338,712 assignable square feet in all categorical areas. The specific distribution of space by Room Type is shown in the table on the next page.

Type	Description	ASF	% of Campus
100-115	Class Lecture & Service	38,644	11.4 %
200-225	Class Laboratory-type	73,497	21.7%
230-235	Independent Study Labs	1,658	.5 %
230-235	Non-Class Laboratory	13,442	4 %
310-350	Office/ Service/ Conf.	50,173	14.8%
410-440	Library	26,787	7.9 %
520-525	Athletics/ Phys. Ed.	57,607	17 %
530-535	Media	3,095	.9%
540	Clinic/Student Care	210	.06%
550-575	Demonstration, Service	5,916	1.7%
610-615	Assembly	12,679	3.7%
620-625	Exhibition	934	.3%

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630-635	Food Service	15,381	4.5%
650-655	Lounge	2,640	.8%
660-665	Merchandising	4,845	1.4%
670-675	Recreation	413	.1%
680-685	Meeting Room	5,836	1.7%
710-715	Data Processing	1,382	.4%
720-725	Shops/ Service	13,466	3.9%
730	Storage	9,818	2.9%
800	Health Services	289	.08%

Source: "2001-05 Five-Year Construction Plan for West Valley-Mission Community College District"

Distribution of Space by TOP Program Code

The Taxonomy of Programs (TOP) is a common, numeric coding system by which districts and colleges categorize degree and certificate programs and courses on the basis of the similarities of their published goals and objectives.

A TOP code is requested when a college applies for the approval of a new degree or certificate program, based upon the recommendation of the regional occupational deans. The Chancellor's Office then determines the TOP code and enters it into the Inventory of Approved Programs when the new program is approved.

This categorization is regarded as essential by the State Chancellor's Office when evaluating the capacity of assignable area on campus, and assessing the need to expand or modify instructional areas.

The distribution of laboratory areas for West Valley College (Room Types 210-225 from the Table above) is shown below. The first column of the table lists the standard four-digit TOP code, followed by a description of the instructional program. The current assignable square foot area is provided in the third column. An explanation of the "WSCH" reference is given in the following section.

TOPS Code	Program Area Description	ASF	ASF/ 100	Cap WSCH
0100	Agriculture/Nat. Resources		492	___
0116	Agriculture/Forestry/ Power		856	___
0200	Arch. & Environ. Design		257	___
0400	Biologic Sciences	9,460	235	4026
0500	Business & Management	5,579	128	4359
0600	Communications	1,200	214	561
0700	Computer & Info. Science.	6,779	171	3964
0800	Education		321	___
0900	Engineering	6,839	321	2131
0936	Printing and Lithography		342	___
0937	Tool and Machine		383	___
0945	Mechanical Technology		556	___
0947	Diesel Technology		856	___
0948	Automotive Technology		856	___
0950	Aeronautics, Aviation Tech.		749	___
0952	Construction Crafts, Trends		385	___
0954	Chemical Technology		556	___
0956	Industrial Technology		492	___
1000	Fine and Applied Arts	14,619	257	5688
1100	Foreign Language	1,070	150	713
1200	Health Occupations	3,362	214	1571
1300	Consumer Ed., Home Ed.	4,313	257	1678
1400	Law		150	___
1500	Humanities	4,164	150	2776
1600	Library Science		150	___
1700	Mathematics		150	___
1800	Military Studies		214	___
1900	Physical Sciences	11,881	257	4,623
2000	Psychology	575	150	383
2100	Public Affairs and Service	3,656	214	1,708

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2200	Social Sciences		150	___
3000	Commercial Services		214	___
4900	Interdisciplinary		257	___

Source: "2001-05 Five-Year Construction Plan for West Valley-Mission Community College District"

Instructional Capacity

"Capacity" is the term used to express the level of enrollment that can be accommodated by campus facilities. The capacity of the existing facilities is measured in terms of "Weekly Student Contact Hours", (WSCH). The WSCH is a factor in determining the Assignable Square Foot Area (ASF) for Lecture and Laboratory use. The formulae for allocation are described below.

Lecture Classrooms and Service Rooms (Types 110, 115) space allocation usually varies from 11.5 to 25.0 ASF/ Station. State standards provide for an average of 15.0 ASF/ Station.

Formula Room Use = 75.7% (53 out of 70 hours)
Station Use (When room is in use) = 66%

For Facility Planning:

$$ASF = WSCH \times \frac{15 \text{ ASF/ Station}}{(66\% \times 53 \text{ hours per week})}$$

$$ASF = WSCH \times 0.429$$

Laboratory Classrooms and Service Rooms (Types 215, 225) space allocation varies greatly depending on the equipment used, ranging from 20 to 200 ASF.

Formula Room Use = 39.3% (27.5 out of 70 hours)
Station Use (When room is in use) = 85%

Measured by these formulae, the WSCH Instructional Capacity of West Valley College is 69,525 for Lecture type areas, and 16,461 for Laboratories.

Capacity versus Actual Enrollment

The State Chancellor's Office formulates student enrollment

projections annually for each district. For this analysis, demographic projections are provided by the State Department of Finance, and compared with actual enrollment reports submitted by Districts. Districts then in turn allocate projected enrollment for the individual colleges.

In November 1999, the State chancellor's office reported that the enrollment for West Valley College had declined from a high of 31,270 students (duplicated head count for all sessions) in 1988/89 to 26,694 students in 1998/99. Most of this decline occurred during the four-year period between 1991/92 and 1994/95. This decline was coincident with economic recession and an increase in per credit costs for Community College enrollment fees. As a result, this analysis depicts a ten-year decline of 4,576 students (-15% or 1.5% annually), but a steady growth of about 4% annually over the past four years.

In contrast, semester WSCH for the district increased during this same year period, from 210,797 to 237,792. This gain (13% or 1.3% annual) represents an increase in course load from 6.74 to 8.91 WSCH/ enrolled students. Briefly stated, this means that fewer students are taking more courses, underscoring the increased importance of the College as a source of both general education and vocational training.

The State Chancellor's Office has projected a low-level increase in enrollment of 2.5%/annual over the next ten years. This represents an increase in enrollment of 6,719 students, and WSCH of 59,444. The District WSCH has then been divided between West Valley and Mission Colleges as follows:

1999/00	West Valley	136,944 (60% of total)
	Mission	100,848 (40% of total)
2009/10	West Valley	158,947 (53% of total)
	Mission	100,848 (47% of total)

By this analysis, the WSCH for West Valley College currently assigned at 2.5% for 1999/00 will gradually decrease to 1.6% by 2009/10. This projection is very low relative to other districts; it is however the only official projection that can be used to determine capacity/load ratios, and to formulate project proposals for the next five years.

Capacity to Load Analysis

The calculations of Capacity/ Load Ratios are the most important

determinants for growth. These are expressed in the District's Five-Year Construction Plan to determine area requirements, and to justify new project proposals. These ratios are evaluated by the State Chancellor's Office before approving or prioritizing funding.

Ratios above 100% indicate that the college has more space than needed to support the level of WSCH. Ratios which fall below 100% (or lower limits imposed by the Chancellor's Office) may indicate a shortage of space. Ratios obtained from the District's 2001-2005 Five-Year Construction Plan are presented in the table below:

Type	Description	ASF	1999-2000	2005-2006	Surplus or Shortage
100s	Lecture	38,644	107%	97%	-3%
210-225	Laboratory	73,497	92%	83%	-17%
300s	Office	48,881	112%	110%	+10 %
400s	Library	26,787	74%	67%	-33%
530-535	Media	3,095	36%	35%	-65 %

Based on the State Chancellor's Office projection of WSCH growth, the capacity/ load ratios expressed above indicate that additional space could be constructed in the following categories:

Lecture	1,195
Laboratory	15,054
Office	0
Library	13,193
Media	5,659
Total	**35,101**

The eligibility for new space can be further increased if the college removes the temporary buildings from the campus. The assignable square foot area from these is shown on the next page, and could either be transferred to existing remodeled or future buildings.

Information Systems, Building 11		(State Inventory Building No. 26)
Office	2,138	
Data Process	1,382	
Lounge	181	
Storage	240	
Total ASF	3,941	
EOPS, Building 7		(State Inventory Building No. 27)
Office	235	
Lecture	644	
Non-class lab	2,486	
Total ASF	3,365	
Learning Services, Building 17		(State Inventory Building No. 51)
Office	2,131	
Laboratories	2,532	
Lounge	158	
Total ASF	4,821	
Community Education, Building 12		(State Inventory Building No. 33)
Office	768	
Total ASF	768	
Carlson House, Building 5		(No State Inventory Building No.)
Storage	1,620	
Total ASF	1,620	
Health Services, Building 14		(State Inventory Building No. 48)
Office	934	
Treatment	289	
Total ASF	1,223	
Art Labs, Building 13E		(State Inventory Building No. 50)
Class lab	1,316	
Office	581	
Total ASF	1,897	
Child Care, Building 11		(State Inventory Building No. 54)
Demo.	3,497	
Total ASF	3,497	
Total ASF	**21,132**	

The totals from the Capacity/ Load Ratio analysis, **(35,101 ASF)** and the Temporary Building category, **(21,132 ASF)** combine to produce a total of **56,233 Assignable Square Feet**. Based on an assignable to gross square foot efficiency ratio of .7, (70%) potential new building area totals approximately **80,000 Gross Square Feet**.

Academic and Student Services Program Requirements

Building modifications to meet changing requirements for instruction and student services are listed in the concept paper summary table in the Educational Plan section of this document. These requirements have been extracted from the concept papers, and have been listed alphabetically by group.

It is important to note the College's ability to obtain state funding for new construction is tied to the statistical base described in the preceding sections. Independent of that analysis, the Facilities Plan has identified the need to perform modifications to all existing permanent structures. In general, the modifications requested in the concept papers and expressed in this table relate to those buildings. When any projects to replace deteriorated building materials or outmoded services, or to correct existing non-accessible conditions are undertaken, the needs detailed in the summary table should be considered.

Geotechnical Conditions

The College is located in a region of high seismic activity. No significant construction has been undertaken since the campus founding in the late 1960's. Consequently, no recent soils reports are available for analysis. There were however, no reported incidents of subsidence and no visual indication of past settlement problems in the vicinity of buildings.

A study initiated by the Office of the State Architect indicated that the risk to structures of earthquake-induced instability from ground fault rupture, liquefaction, landsliding, or subsidence is believed to be insignificant. This survey did not examine geotechnical conditions however, and investigation must be performed prior to any new building projects.

Structural Characteristics

The campus is generally composed of single-story structures. Permanent buildings were constructed between 1968 and 1975, with relocatable-type structures added subsequently.

Classroom and administrative buildings are typically built on continuous footings, with slab on grade floor systems. Structural framing employs poured in place concrete columns, steel beams and girders, and wood studs and roof joists. Exterior cladding for these buildings is principally a combination of ceramic tile shingles and plaster.

Relocatable structures are of modular, wood frame construction. Floor joists are supported by perimeter foundations and by wood posts on concrete pads at interior locations. The exterior stud walls are clad with plywood and wood battens.

Under current laws, ordinances and regulations, further seismic strengthening of the structures is not required. Such measures may however, be required as a pre-condition of substantial alteration, modification or repair projects. Elective seismic improvements, to reduce potential for building damage or interruption of services may be undertaken.

Seismic Adequacy

In 1996, consultants to the office of the State Architect evaluated the seismic performance of campus buildings. It is important to note that that the scope of that survey was an assessment only, and did not include specific recommendations for improvement.

Section 104(f) of the California Building Code sets the minimum standards for earthquake safety compliance of existing buildings. These standards are triggered when substantial alteration, modification or repair of a structure is undertaken. Compliance with 104(f) requirements provides the building owner with flexibility to perform extensive architectural, mechanical and electrical upgrades to the building without triggering collateral structural/seismic strengthening work.

Nevertheless, detailed study of all structures is recommended. Two levels of priority should be established for strengthening: 1) improved life safety protection for building occupants, and 2) improved earthquake resistance of the buildings to reduce non-life threatening property damage in moderate earthquakes.

Due to the date of installation, bracing for mechanical and electrical equipment, ductwork, piping and conduit is assumed to be inadequate for seismic resistance. A comprehensive survey of these non-structural elements to withstand the motion from an earthquake is recommended.

Architectural Features and Finishes

Building design generally derives from and expresses the 30' x 30' structural grid. Plan composition is informal, configured to form courtyards and plazas. These are constructed over a series of terraces, and sometimes employ grade changes in the building. Most structures have relatively high perimeter areas, with good daylight potential.

Primary exterior finishes include poured-in-place concrete columns, with perimeter walls composed of a combination of glazed openings, ceramic tile shingles, and cement plaster. The general simplicity and durability of these finishes has contributed to the current viability of the structures.

Roofs are generally flat, incorporating broad overhangs with deep fascias, and covered walkways. Rooftop mounted mechanical equipment is screened by sloping, wood shake clad equipment screens. Partial or complete re-roofing of campus buildings has occurred over time. Roof materials and replacement dates are included in the individual "Building Descriptions".

According to original design documents, some plaster systems include asbestos fiber, and most fascia panels are composed of pre-formed asbestos board. These materials were not tested as part of this survey, and confirmation of potential asbestos content by a licensed industrial hygienist is recommended.

Relocatable structures were added after the initial build-out. These seven buildings are of modular, wood frame construction, clad with plywood and wood battens.

Building Exiting

As single-story structures, emergency egress is not a significant concern - most classroom or assembly areas exit directly to the exterior. Door width, hardware, and exit signage may not however, comply with current requirements.

Existing exiting systems that are in compliance with the code in effect at the time of their original construction and any subsequent alterations need not be brought into compliance with the requirements of the current code unless one or more of the following conditions exists:

1. The occupant load tributary to the exiting system is increased.
2. The area served by the exiting system undergoes a change of occupancy or use.
3. Additional stories are added
4. The enforcing agency determines that the existing exiting system presents a hazard to the public safety.

Interior remodeling projects will affect exiting systems. These modifications will be subject to the approval of the ORS/ DSA. The following mitigating factors apply:

No significant increases in the number of occupants or changes to the type of building occupancy are known to have occurred. No stories were added to any building, and no major large-scale remodellings have occurred that significantly affected use.

If kept below the extent described in the California Building Code, projects that affect exiting, will not trigger current code compliance requirements. For large scale remodeling projects, review with ORS/ DSA officials during the early planning stages is recommended. ORS/ DSA must determine what specific exceptions to current life safety code compliance could be anticipated for any remodeling projects under consideration.

Accessibility

Both the Americans with Disabilities Act (ADA: a federal civil rights legislation which went into effect in July 1992) and Title 24 requirements of the California Building Code apply to the West Valley College campus.

As a place of employment with 25 or more employees, the ADA requires that all "readily achievable" architectural barriers be removed.

Application of ADA does not take the place of the accessibility requirements regulated by the State Code. Both standards are used to determine accessibility.

In planning future barrier-free related renovation projects, it is important to consider the provisions given by the State Building Code require that:

A. All public accommodations and facilities (including office buildings) shall be accessible to people with physical disabilities in the following areas:

    1) sanitary facilities which are made available for the public, clients or employees
    2) curbs or sidewalks intended for public use

B. When alterations, structural repairs or additions are made, the following areas in addition to the specific areas of alteration must also be made accessible to people with physical disabilities:
    1) A primary entrance to the building or facility and the primary path of travel to the specific area of alteration, structural repair or addition.
    2) Sanitary facilities, drinking fountains and public telephones serving the area.

Exceptions to these requirements may include the following:

a. Floors or levels above and below the first floor or ground level are exempt from these requirements if a ramp or elevator is not available to provide public access to such floors or levels

b. Floors or levels above the first floor or ground level are exempt from these requirements if a reasonable portion of all facilities and accommodations normally sought and used by the public in such a building are accessible to and usable by physically handicapped persons/people with physical disabilities.

c. When the construction cost of alterations does not exceed $50,000, and when the enforcing agency finds that compliance of this code creates an unreasonable hardship, compliance may be limited to actual work of the project.

d. Alterations may also be limited to the actual work of the project when:
   i. Altering one building entrance to meet disabled access requirements.
   ii. Altering one existing toilet to meet disabled access requirements.
   iii. Altering existing elevators to meet disabled access requirements.
   iv. Altering existing steps to meet disabled access requirements.
   v. Altering existing handrails to meet disabled access requirements.

e. Heating, ventilation, air conditioning, or re-roofing projects are exempt. Electrical work that does not involving placement of switches and receptacles and cosmetic work that does not affect access, (such as painting, carpeting, etc.) are not considered alteration projects for purposes of accessibility.

Recent construction has brought many areas of the campus into compliance with barrier-free design criteria. Buildings are generally accessible from the site; they are equipped with ramps, adequate clearances, and in some cases, with automatic doors.

Various conditions inconsistent with ADA requirements are more evident within the buildings. These include objects protruding into access routes, stairs, ramps, doors, door hardware, toilets, strobe lights and horns. For areas affected by the future construction these elements must be renovated and brought up to the barrier-free design standards.

Reach Range

1. Some light switches are mounted above the 48" A.F.F. front reach limit but below the 54" A.F.F. side-reach limit.
2. Electrical outlets are frequently located below the lowest front reach limit, 15" A.F.F. and the lowest side reach limit, 9" A.F.F.
3. Typically there are drinking fountains in each building. The spout height of some of the drinking fountains is higher than the required mounting height. (This height ranges from 27" to 36" A.F.F.) In addition, some of the existing drinking fountains do not have the required 27" high and 8" deep knee space.
4 Many counters are typically higher than the 34" A.F.F. side reach limit. Laboratory casework is generally non-compliant. Upper wall cabinets and sink faucets are generally not in conformance with ADA and code required reach range.

Clearance

1. Some public telephone booths in the corridors and vestibules do not have enough clearance.
2. Some corridors and vestibules are too tight.

Objects Protruding into Access Route

1. Existing drinking fountains frequently protrude into corridors.
2. Clearance for door swings.

Stairs

While campus buildings are generally single story, level changes exist at entries, and within a number of buildings

1. Some ramped areas do not reflect current code requirements.
2. Some Handrails do not conform to code requirements.
3. While many exterior stairs have recently installed contrasting color stripes, many tread/riser dimensions and nosing profiles are non-compliant.

Doors

Some rooms have doors that are only 29" wide. (32" wide minimum is required.) In many buildings, a 12" clear space is not provided at the latch side of doors.

A mixture of knob and lever-type door hardware is evident throughout the campus. While lever-type operators are generally present for

publicly accessible rooms, replacement of non-conforming hardware is required at all campus buildings.

Janitor closet doors, storage room doors, equipment, mechanical, and electrical room doors, though not intended for public use are required to be changed to lever type hardware.

Toilet Rooms

Most multiple accommodation toilets have been renovated to meet barrier-free design criteria. In this process however, the fixture count fell below the recommended minimum. Expansion of all existing toilet rooms is anticipated as part of all building remodeling projects.

Recommendations

The campus has performed measures to mitigate non-compliant conditions to circulation areas and toilet rooms. Generally barriers to accessibility remain in classrooms, workrooms and offices.

The Master Plan proposes significant remodeling for all permanent campus buildings. Replacement or mitigation of the issues cited above can be achieved at that time. Removal of remaining barriers is a legal obligation, is consistent with the College's goals for diversity/ inclusiveness, and offers additional justification for remodeling projects.

Mechanical Systems

Potential Mechanical-related projects include the following:

1. Boiler Chiller Room: The Campus Center, Science and Mathematics, and the Applied Arts and Sciences Buildings have boilers and chillers located within the same room. Due to the flammability of refrigerants, current building codes prohibit this condition.
2. Automatic Fire Sprinkler System: No fire protection systems are installed in campus buildings. While not required by code, the district may elect to perform this work as part of Life Safety upgrades. (Note that sprinkler systems may be required for new construction or significant remodeling projects.)
3. Equipment Replacement: Most packaged HVAC equipment is approximately 30 years old. Replacement with more efficient, higher performance units is recommended.
4. Seismic Bracing of Existing Equipment and Utilities: Dating from original construction, these elements are considered inadequately braced.

5. Central Plant Construction: the number of buildings with outdated/ inadequate equipment may justify construction of a Central Plant. Because this represents high initial expense that must be borne by the District, and the general difficulty of extending utility lines across the campus.
6. General System Upgrades are recommended. These may be initiated as on-going maintenance projects, but preferably should be performed in conjunction with building remodeling projects. These include:

- The installation or modification of equipment to provide Outside Air per current code requirements.
- The replacement or installation of Control Systems.
- Phase-out of Refrigeration Systems.
- Installation of Expansion Tanks for chilled and hot water systems.
- Installation of Primary / secondary pumps with VFD Control.
- Installation of Water-conserving flush valves at all Toilet Rooms.

Building Plans and Descriptions

The "Building Plans and Descriptions" section describes the physical characteristics and technical information relevant to each building.

Building nomenclature employs the various designations to be found on record documents. Typically this includes the building title (e.g. "Administration and Business", a two-digit abbreviated title ("AD"), and the now-abandoned campus numbering system ("Building No. 1"). Pertinent design-phase document titles and the numbering system used in the campus Information Systems CAD file are provided. Finally, a State Building Inventory number completes this section.

General Description

The date of ORS permit issue has been included to indicate potential code requirements and technical considerations influencing the original design. Where the original building Occupancy and Construction types were not listed on file documents, the current equivalents have been suggested. Building gross square foot areas are listed where obtainable from record documents. Assignable square foot areas for campus buildings are taken from the "West Valley Community College District Detailed Room Report by Building".

Construction

Permanent structures were designed and constructed between 1968 and 1974. Since all design services were performed by a single, joint-venture, architectural association, these buildings tend to employ similar features and construction materials. The description of these elements is based on examination of construction documents on file, and observation.

Mechanical Systems

Most mechanical systems date from the original construction. Any subsequent modifications are listed here. Systems description is based on review with the College, and has been verified by examination of installed conditions.

Electrical Systems

Electrical systems date from the original construction. Any known subsequent modifications are listed here.

Data and Telecommunications

The date of construction precedes the general use of sophisticated telecommunications and information systems technology. Information regarding the subsequent installation of these systems has been obtained from the campus.

Facilities Plan Recommendations

Recommendations are organized categorically in this section.

"Accessibility" and "Life Safety" recommendations are listed to indicate design requirements that may apply to any future general construction projects, and to establish potential independent improvements in these categories.

The "Maintenance Requirements" section includes those building components that require a modification or replacement. Action to improve Items in this category should be regarded as involving a significant degree of construction.

"Enhancements" for the Educational and Service Program are intended to improve the building's capacity as a learning environment and therefore, extend the structure's effective life span.

These recommended changes reflect criteria developed by the Educational and Services Master Plan. The changes have statistical basis in utilization rates, and are expressions of the College's educational philosophy. These modifications should be undertaken when any significant modifications to the respective buildings are considered.

Building Plans

Reflecting the period of construction (between 1968 and 1974), all original design documents were hand drawn. Blue-line copies of these drawings are organized and available for inspection at the District's Facilities Plan Room.

The building plans included here are based on digital drawings furnished by the College's Information Systems group. Measurements, field-testing, examination of hidden conditions, and detailed inspections were not included in the process.

These plans are diagrammatic only, and may not completely reflect existing conditions. These are included to depict the configuration and size of the various buildings, and as a reference for planning issues.

Administration and Business (AD), (Building No. 1)

Note: Originally Designated as "Wing No. 1" of the "Business Division, Student Personnel & Administration Building". Documents dated 1971, ORS Application No. 84296. Later designated on Campus Plan as Buildings "1A, 1B and 1C". (State Inventory No. 38)

General Description
Occupancy: Type F
Construction: Type V-NR
Gross Square Foot Area: 12,192 (11,906 + 1385 covered area)
Assignable Area: 11,369
Room Types (ASF): Offices (Instruction)

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: 30' x 30'
Exterior Cladding: C.I.P. Concrete Columns, Clay Tile Shingles on Wood Studs, Reinforced Brick Masonry, Cement Plaster Soffits with Cement Asbestos Fascia Panels [Confirm]
Roof System: 20-year Elastomeric replacement (installed 1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical/ Plumbing Systems
HVAC System: System No. 1- Packaged rooftop HVAC with hot water coil, rooftop gas boiler. System No. 2 - Packaged rooftop HVAC with gas furnace.
Energy: Gas and hot water heating, DX cooling
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater with recirc. pump.
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:

Administration and Business (AD), Building No.1
Master Plan Recommendations:

Accessibility Improvements
Primary access completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical / Electrical elements and Suspended Ceiling System.

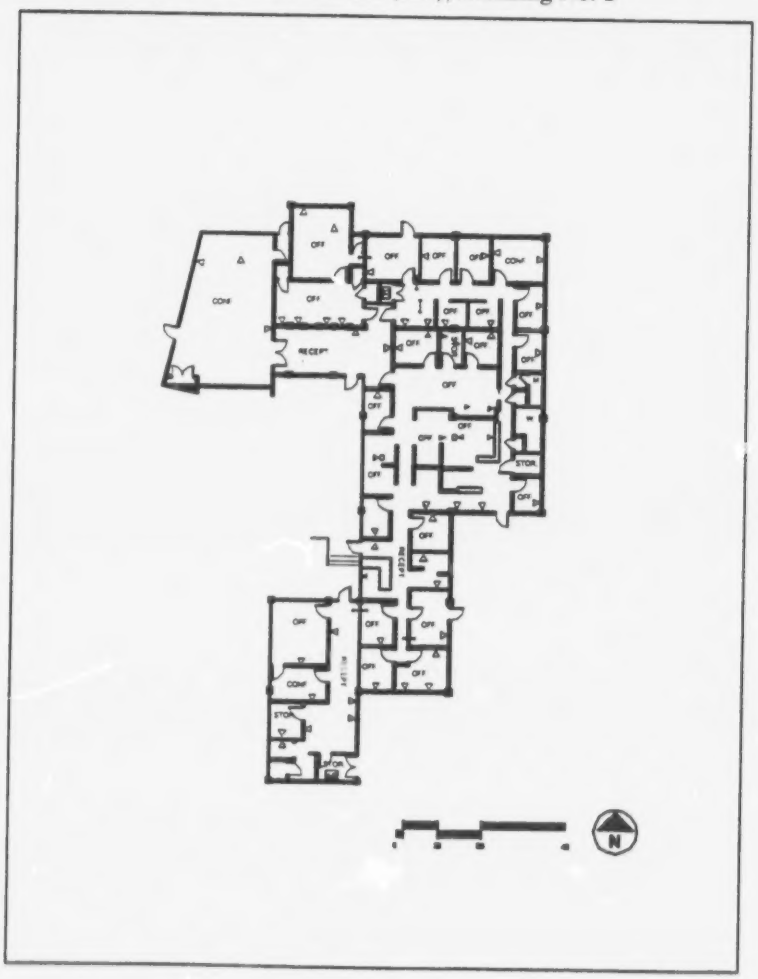
Building Maintenance Requirements:
Floor Coverings: Remove / Replace Carpets
Walls: Painting Throughout
Doors: Remove / Replace deteriorated wood doors
Windows: Remove / Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Replace Fascia, Paint Soffits
Roofing: 20-year Elastomeric replacement roofing installed1999, over original Built-up Roofing. Routine maintenance anticipated.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing: Install fire sprinkler system, Increase toilet fixture count
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures.

Enhancements for Educational/ Service Program:

Conversion to Student Service-based occupancy is recommended. Associated exterior remodeling to create a component of the proposed Student Services Mall/ Campus Technology Center.

See "Recommended Fifteen-Year Construction Plan" for Services Mall description. See the Concept Paper Summary for departmental, divisional and service group requirements.

Administration and Business (AD), Building No. 1



Administration of Justice (AJ), Building No. 2

Note: Originally Designated as "Law Enforcement Building". Documents dated 1973, ORS Application No. 35804. Later designated on Campus Plan as "Building 2", and on current College CAD file as "Building 002". (State Inventory No. 40)

General Description
Occupancy: Original not given/ Current Type B-2 [inferred]
Construction: Type V-NR with One-hour corridors
Building Gross Square Foot Area: Approx. 3600
Building Assignable Area: 3,139
Room Types (ASF): Lecture (900), Lab (1050), Offices

Construction
Stories: One Above Grade
Foundation Type: Spread Footings
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: 30' x 30'
Exterior Cladding: C.I.P. Concrete Columns, Clay Tile Shingles on Wood Studs, Reinforced Brick Masonry, Cement Plaster Soffits with Cement Asbestos Fascia Panels [Confirm]
Roof System: 20-year, Elastomeric replacement (installed1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screen.

Mechanical/ Plumbing System
HVAC System: Packaged rooftop HVAC with hot water coil, rooftop gas boiler.
Energy: Hot water heating, DX cooling
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater.
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains
Type of Electrical Service
Emergency Power

Communications and Data
Data Systems:
Data Distribution Methods:

Administration of Justice (AJ), Building No.2
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Replace Fascia, Paint Soffits
Roof System: 20-year, Elastomeric replacement (installed 1999) over original Built-up Roofing: Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing: Install Fire Sprinkler, Confirm/ Increase fixture count
Electrical: Replace or relamp Lighting fixtures to provide adequate illumination. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:

Construction activities in this category include: Classroom Modification; Smart Classroom Construction; Disabled Access Improvements; Wall realignment, Replacement; Electrical Power Upgrades; and enhanced Data and Telecommunications capability.

See "Recommended Fifteen-Year Construction Plan" for additional description. See the Concept Paper Summary for departmental, divisional and service group requirements.

Administration of Justice (AJ) Building No. 2

Admissions and Records (A&R), Building No. 3

Note: Originally Designated as "Wing No. 4" of the "Business Division, Student Personnel & Administration Building". Documents dated 1971, ORS Application No. 84296. Also designated on file drawings as "Building D", and on current College CAD file as "Building 035". (State Inventory No.38)

General Description
Occupancy: Type F
Construction: Type V-NR
Gross Square Foot Area: 7,954 (7,774 + 3044 covered area)
Assignable Area: 7,185
Room Types (ASF): Offices

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: 30' x 30'
Exterior Cladding: C.I.P. Concrete Columns, Clay Tile Shingles on Wood Studs, Reinforced Brick Masonry, Cement Plaster Soffits with Cement Asbestos Fascia Panels,
Roof System: 20-year, Elastomeric replacement (installed1998) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Packaged rooftop HVAC with hot water coil, rooftop gas boiler.
Energy: Hot water heating, DX cooling
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater.
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Admissions and Records (A&R), Building No.3
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

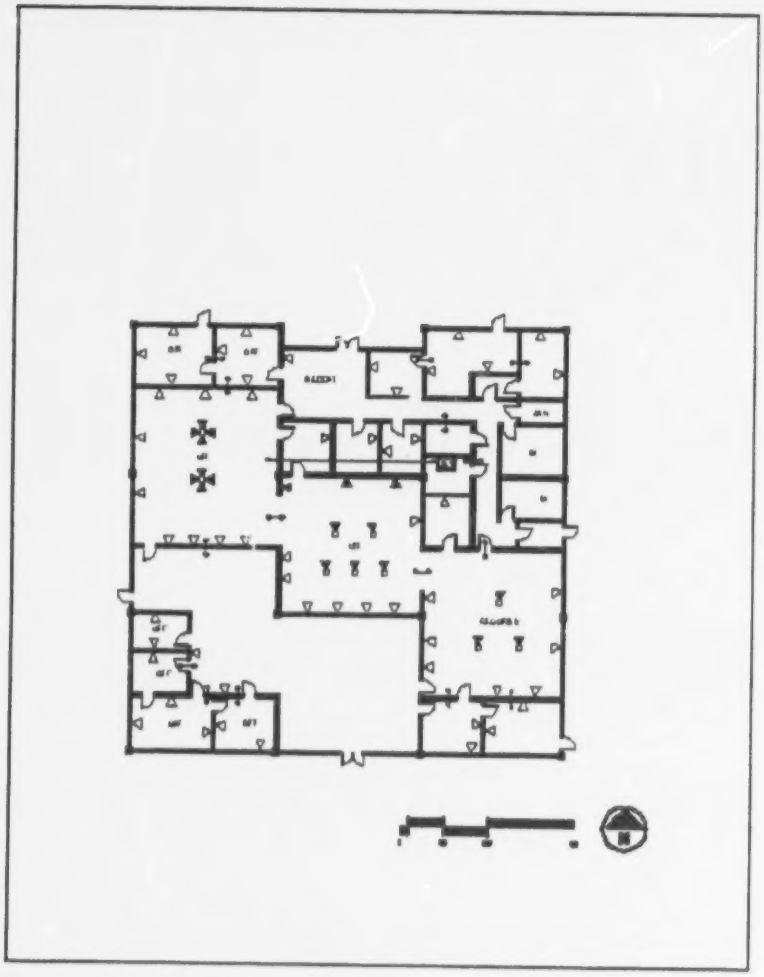
Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Replace Fascia, Paint Soffits
Roof System: 20-year, Elastomeric replacement (installed1998) over original Built-up Roofing. Routine maintenance is anticipated.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing: Increase fixture count, Install Fire Sprinkler
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:

Construction activities in this category include: Disabled Access Improvements; Wall realignment, Electrical Power Upgrades; and enhanced Data and Telecommunications capability, and installation of Manufacturer's Systems Furniture

See "Recommended Fifteen-Year Construction Plan" for Services Mall description. See the Concept Paper Summary for departmental, divisional and service group requirements.

Admissions and Records (A&R), Building No.3



Business Ed./ Computer Rooms (BU/CR), Building No. 4

Note: Originally Designated as 'Wing No. 2" of the "Business Division, Student Personnel & Administration Building". Documents dated 1971, ORS Application No. 84296. Also designated on file drawings as "Building B", and on current College CAD file as "Building 009". (State Inventory No. 38)

General Description
Occupancy: Type C
Construction: Type V-1HR
Gross Square Foot Area: 18,931 (18,217 + 4510 covered area)
Assignable Area: 17,370
Room Types (ASF): Classrooms, Offices

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: 30' x 30'
Exterior Cladding: C.I.P. Concrete Columns, Clay Tile Shingles on Wood Studs, Reinforced Brick Masonry, Cement Plaster Soffits with Cement Asbestos Fascia Panels,
Roof System: 20-year, Elastomeric replacement (installed1998) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Packaged rooftop HVAC with hot water coil, rooftop gas boiler.
Energy: Hot water heating, DX cooling
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater.
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Business Ed./ Computer Rooms (BU/CR), Building No. 4
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical / Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Replace Fascia and Paint Soffits to remain.
Roof System: 20-year, Elastomeric replacement (installed1998) over original Built-up Roofing. Routine maintenance anticipated.
Mechanical: Remove original units and dual duct distribution system. Provide new, energy efficient Rooftop Units and distribution to meet current space use.
Plumbing: Increase Toilet Fixture count, Install Fire Sprinkler
Electrical: Remove Lighting fixtures / Relocate / redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:

Related Construction activities in this category include: Disabled Access Improvements; Wall realignment, Electrical Power Upgrades; and enhanced Data and Telecommunications capability, and installation of Manufacturer's Systems Furniture

See "Recommended Fifteen-Year Construction Plan" for additional description. See the Concept Paper Summary for departmental, divisional and service group requirements.

Business Ed./ Computer Rooms (BU/CR), Building No. 4

Carlson House (Not Used), Building No. 5

Note: Originally a residence, the building was designated on Campus Plan as "No. 5".

General Description
Occupancy: R (Inferred)
Construction: Type V-NR (Inferred)
Gross Square Foot Area: (Not Available)
Assignable Area: 1,620
Room Types (ASF): Storage

Construction
Stories: Two Above Grade
Foundation Type: Not investigated
Floor Construction: Wood Joists
Structural System: Wood Frame (Residential)
Typical Structural Bay: Not applicable
Exterior Cladding: Cement Plaster on Wood Studs,
Roof System: Wood Shingle

Mechanical System
Air Conditioning System (Not applicable)
Heating Fuel: Gas
Water Heater Type: Domestic water heater
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Carlson House (Not Used), Building No. 5
Master Plan Recommendations:

Accessibility Improvements
No work performed or anticipated

Life Safety Improvements:
No work performed or anticipated

Building Maintenance Requirements:
Floor Coverings: No improvements recommended
Walls: No improvements recommended
Doors: No improvements recommended
Windows: No improvements recommended
Ceilings: No improvements recommended
Cladding: Routine maintenance only
Roofing: Routine maintenance only
Mechanical: No improvements recommended
Plumbing: No improvements recommended
Electrical: No improvements recommended

Enhancements for Educational/ Service Program:

Demolition or relocation of this building is recommended

Carlson House (Not Used), Building No. 5

Floor plan drawing not available for this building

Campus Center, Bookstore (CC/BKS/PD), Building No. 6

Note: Originally Designated as "Campus Center Building". Documents dated 1970, ORS Application No. 32592. Later designated on Campus Plan as "6A, 6B, 6C and 6D". (State Inventory No. 35)

General Description
Occupancy: Type B2
Construction: Type V-1HR
Gross Square Foot Area: Approx. 35,000
Assignable Area: 28,120
Room Types (ASF): Food Service, Retail

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide Footings, Spread Footings, and Grade Beams
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: 30' x 30'
Exterior Cladding: C.I.P. Concrete Columns, Clay Tile Shingles on Wood Studs, Reinforced Brick Masonry, Cement Plaster Soffits with Cement Asbestos Fascia Panels,
Roof System: 20-year Elastomeric replacement (installed 1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Mechanical Room, water cooled reciprocating chiller and gas boiler; Outdoor centrifugal counter-flow cooling tower; Rooftop multi-zone air handling units with dual/ triple decks.
Energy: Primary/ secondary hot water heating; Primary/ secondary chilled water cooling.
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas water heater with recirc. pump.
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:

Data Distribution Methods:

Campus Center, Bookstore (CC/BKS/PD), Building No. 6
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

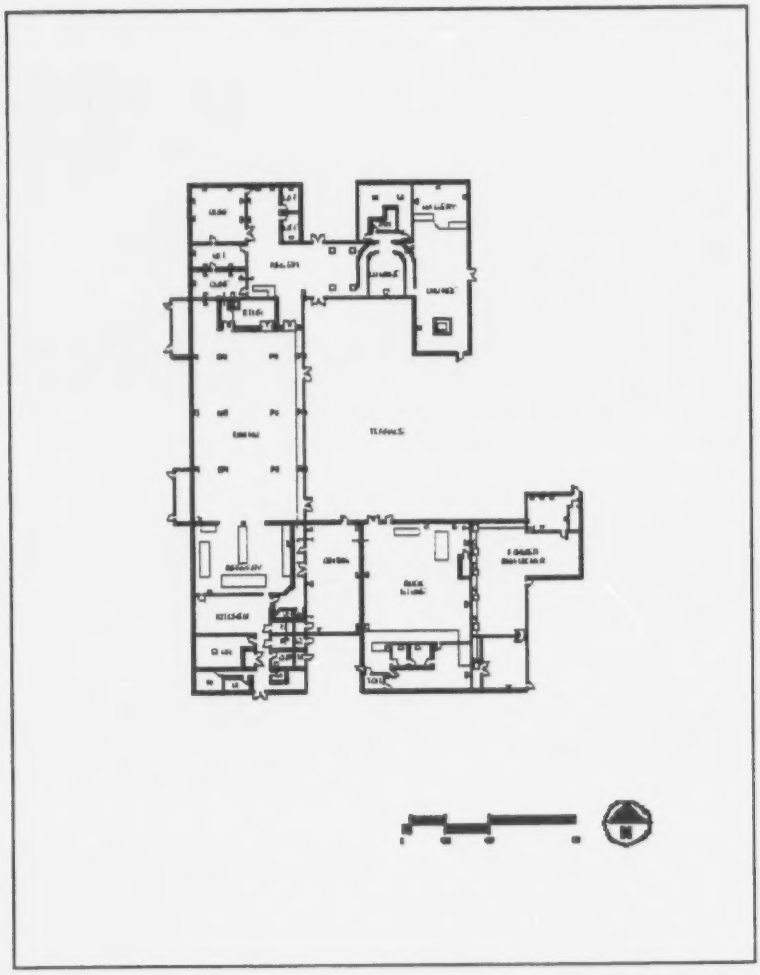
Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Replace Fascia, Paint Soffits
Roof System: 20-year, Elastomeric replacement (installed1999) over original Built-up Roofing. Routine maintenance is anticipated.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing: Install Fire Sprinkler
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:
Significant new construction for student services in this area may be undertaken as a building addition. Interior construction may be privately funded by food service vendors or retailers. Related construction activities include: Disabled Access Improvements; Wall realignment, Electrical Power Upgrades; and enhanced Data and Telecommunications capability. Purchase and installation of indoor and outdoor furniture is recommended.

See "Recommended Fifteen-Year Construction Plan" for additional description of the Student Services Mall. See the Concept Paper Summary for departmental, divisional and service group requirements.

Campus Center, Bookstore (CC/BKS/PD), Building No. 6



EOPS, Building No. 7

Note: Originally located on campus as part or "Relocated M Buildings Project", documents dated 1969, ORS Application No. 32145. Appears on Campus CAD Drawings as Building 029. (State Inventory No. 27)

General Description
Occupancy: Type F
Construction: Type V-NR
Gross Square Foot Area: +/- 4,000
Assignable Area: 3,365
Room Types: Offices (Instruction)

Construction
Stories: One Above Grade
Foundation Type: Continuous perimeter/ post on pads
Floor Construction: Wood Joist
Structural System: Wood Beams, Wood Joists
Typical Structural Bay: 8'-0" Modular construction
Exterior Cladding: Plywood panels with wood battens
Roof System: [Confirm].

Mechanical System
HVAC System: Packaged rooftop HVAC with electric resistance heating.
Energy: Electric resistance heating, DX cooling
Mechanical Equipment Installation: Original Equipment (Scheduled replacement, December 1999) [Confirm]
Plumbing Services: Cold Water, Sanitary Sewer
Domestic Hot Water System: Electric Water Heater.
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

EOPS, Building No. 7
Master Plan Recommendations:

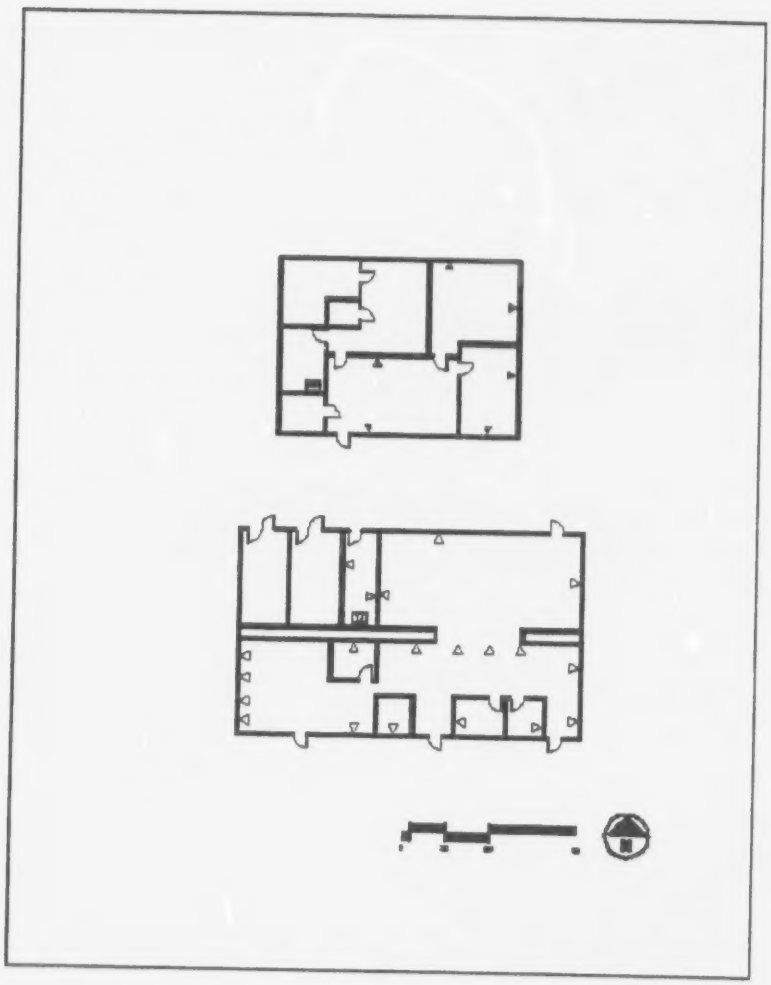
Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: No improvements recommended
Windows: No improvements recommended
Ceilings: No improvements recommended
Cladding: No improvements recommended
Roofing: 20-year Elastomeric replacement (installed1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unsalvageable. Routine maintenance only.
Plumbing: No improvements recommended
Electrical: No improvements recommended

Enhancements for Educational/ Service Program:
Building demolition is recommended. No significant construction is anticipated. The purchase of Manufacturer's Systems Furniture or other Group II equipment is encouraged as an interim improvement.

EOPS, Building No. 7



Child Care Center (CH), Building No. 8

Note: Originally Designated as [Confirm] Documents dated [-], ORS Application No. [-]. Appears on Campus CAD Drawings as "Building 012". (State Inventory No. 49)

General Description
Occupancy: Type F
Construction: Type V-NR
Gross Square Foot Area: (Not Available)
Assignable Area: 2,152
Room Types: Office, Demonstration

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: Wood Beams, Wood Joists
Typical Structural Bay: 8' Modular
Exterior Cladding: Plywood Siding
Roof System: 20-year, Elastomeric replacement [Confirm] over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical/ Plumbing Systems
HVAC System: Packaged rooftop HVAC with hot water coil, rooftop gas boiler.
Energy: Hot water heating, DX cooling
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater.
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:

Child Care Center (CH), Building No. 8
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

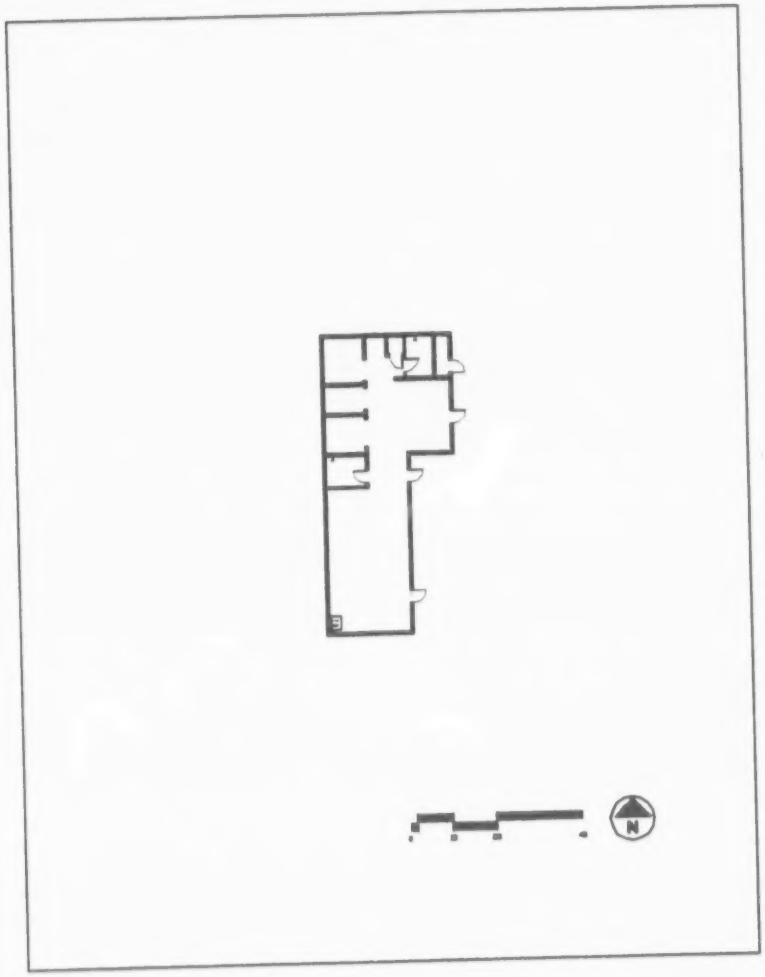
Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: No improvements recommended
Windows: No improvements recommended
Ceilings: No improvements recommended
Cladding: Routine maintenance only
Roofing: Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. No improvements recommended
Plumbing: No improvements recommended
Electrical: No improvements recommended

Enhancements for Educational/ Service Program:
Building demolition is recommended consequently, no significant construction is anticipated. Given the time frame required for facility construction/ relocation, the replacement of deteriorated finishes is needed in the interim. The purchase of Manufacturer's Systems Furniture or other Group II equipment is encouraged.

See "Recommended Fifteen-Year Construction Plan" for additional description. See the Concept Paper Summary for departmental, divisional and service group requirements.

Child Care Center (CH), Building No. 8



Student Counseling (CO), Building No. 9

Note: Originally Designated as "Wing No. 3" of the "Business Division, Student Personnel & Administration Building". Documents dated 1971, ORS Application No. 84296. Later designated on drawings as "Building C", and on College CAD files as "034". (State Inventory No. 38)

General Description
Occupancy: Type F
Construction: Type V-NR with one-hour corridors
Gross Square Foot Area: 6,789 (6,527 + 1806 covered area)
Assignable Area: +/- 6,000
Room Types: Office, Office Service, Conference

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: 30' x 30'
Exterior Cladding: C.I.P. Concrete Columns, Clay Tile Shingles on Wood Studs, Reinforced Brick Masonry, Cement Plaster Soffits with Cement Asbestos Fascia Panels,
Roof System: 20-year, Elastomeric replacement (installed1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Packaged rooftop HVAC with hot water coil, rooftop gas boiler.
Energy: Hot water heating, DX cooling
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater.
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:

Student Counseling (CO), Building No. 9
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

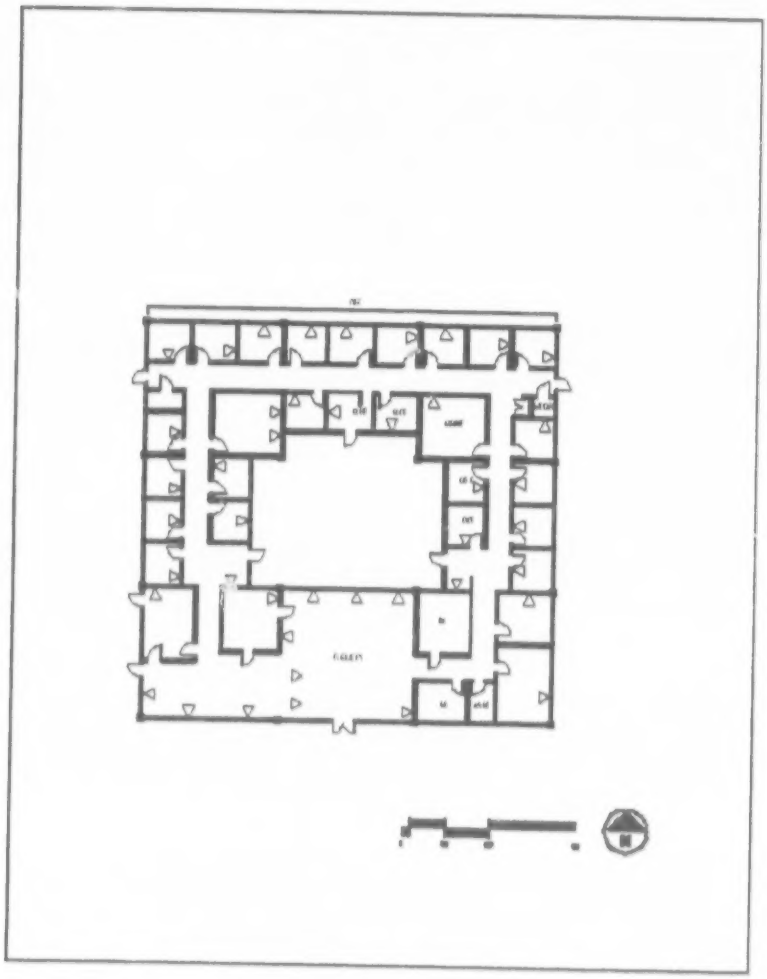
Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Paint Soffits
Roof System: 20-year, Elastomeric replacement installed in 1999 over original Built-up Roofing. Routine maintenance is anticipated.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing: Increase Toilet Fixture count, Install Fire Sprinkler
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:
Construction activities in this category include: Disabled Access Improvements; Wall realignment, Electrical Power Upgrades; and enhanced Data and Telecommunications capability, and installation of Manufacturer's Systems Furniture

See "Recommended Fifteen-Year Construction Plan" for additional description of the Student Services Mall. See the Concept Paper Summary for departmental, divisional and service group requirements.

Student Counseling (CO), Building No. 9



Applied Arts and Sciences (AAS/ CS/ TC), Building No. 10

Note: Original Design Documents/ ORS Application not available. Later designated on Campus Plan as "10 and 10A" and on College CAD files as "005, 006 and 007". Partial building renovation as "Tech. Center" project, 1993. (State Inventory No. 24)

General Description
Occupancy: Type B2
Construction: Type II-1HR
Gross Square Foot Area: (Not available)
Assignable Area: 38,6321
Room Types (ASF): Lecture, Laboratories, Offices

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: 40' x 40'
Exterior Cladding: C.I.P. Concrete Columns, Clay Tile Shingles on Wood Studs, Reinforced Brick Masonry, Cement Plaster Soffits with Cement Asbestos Fascia Panels,
Roof System: 20-year Elastomeric replacement (installed1998) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Mechanical Room, water-cooled reciprocating chiller and gas boiler; Outdoor centrifugal, counter flow cooling tower; Ceiling mounted fan coils.
Energy: Primary/ secondary hot water heating; Primary/ secondary cooling.
Mechanical Equipment Installation: Original Equipment, except Chiller (5- 10 years old)
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater with Recirculating Pump.
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Applied Arts and Sciences (AAS/ CS/ TC), Building No. 10
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

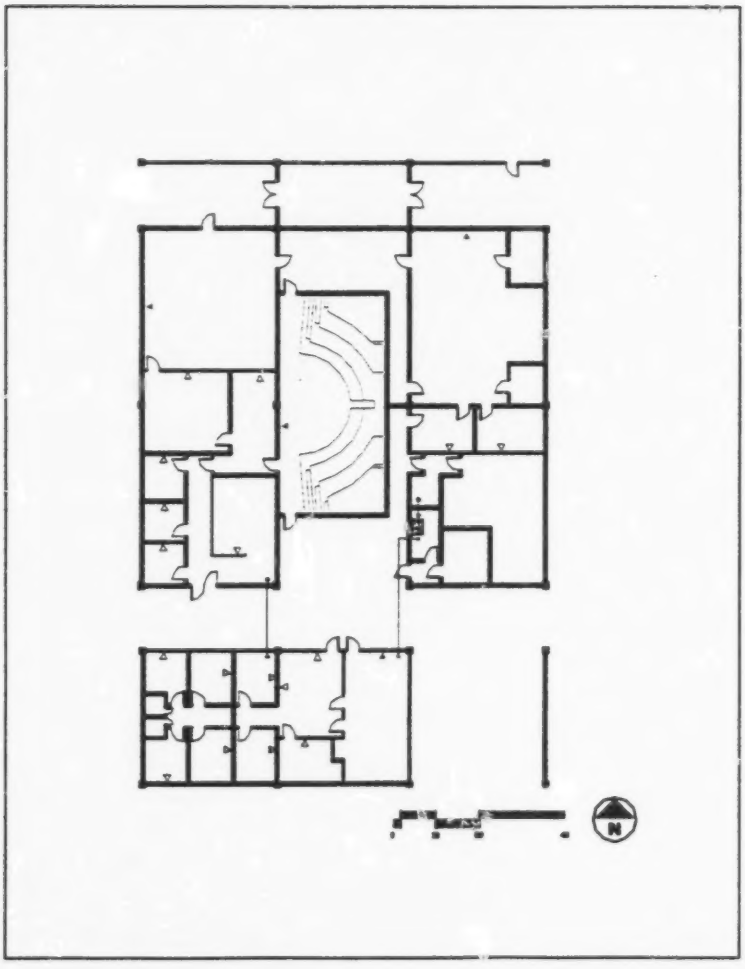
Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Replace Fascia, Paint Soffits
Roofing: 20-year Elastomeric replacement (installed1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing: Increase Toilet fixture count, Install Fire Sprinkler
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:
Construction activities in this category include: Disabled Access Improvements; Wall realignment, Electrical Power Upgrades; and enhanced Data and Telecommunications capability, and installation of Manufacturer's Classroom Furniture.

See "Recommended Fifteen-Year Construction Plan" for additional description. See the Concept Paper Summary for departmental, divisional and service group requirements.

Applied Arts and Sciences (AAS/ CS/ TC), Building No. 10 (partial drawing)



Information Systems (IS), Building No. 11

Note: Original Construction Documents/ ORS Application No. not available. The building was designated on Campus Plan as Buildings "11". (State Inventory No. 26)

General Description
Occupancy: Type F
Construction: Type V-NR
Gross Square Foot Area: (Not Available)
Assignable Area: 3,941
Room Types (ASF): Offices (2,138), Data (1,382), Lounge (181), Storage (240)

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: Wood Beams, Wood Joists
Typical Structural Bay: 8' Modular
Exterior Cladding: Plywood Siding
Roof System: 20-year Elastomeric replacement (installed1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Packaged Rooftop HVAC with gas furnaces
Energy: Gas heating, DX cooling.
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Information Systems (IS), Building No.11
Master Plan Recommendations:

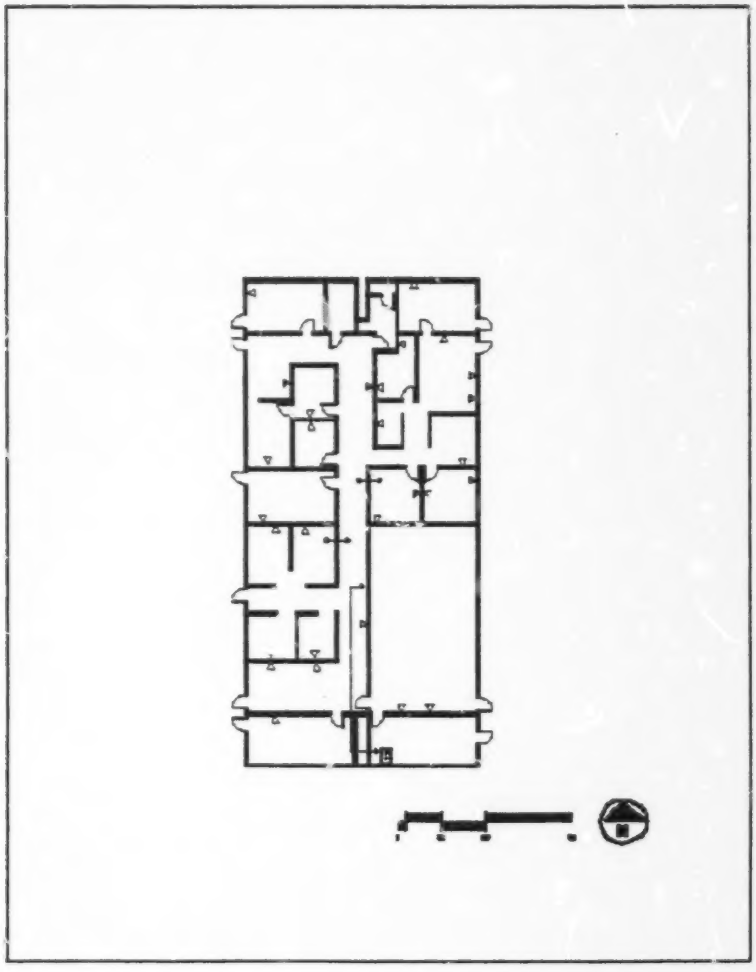
Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: No improvements recommended
Windows: No improvements recommended
Ceilings: No improvements recommended
Cladding: Routine maintenance only
Roof System: 20-year, Elastomeric replacement (installed1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing: No improvements recommended
Electrical: No improvements recommended

Enhancements for Educational/ Service Program:
Building demolition and replacement is recommended.

Information Systems (IS), Building No. 11



Community Education (CE), Building No. 12

Note: Originally a residence, "Giurlani House", later designated on Campus Plan as "Building 12" and on College CAD files as "Building 034". (State Inventory No. 33)

General Description
Occupancy: Type F
Construction: Type V-NR
Gross Square Foot Area: [Confirm]
Assignable Area : 768
Room Types (ASF): Offices

Construction
Stories. One Above Grade
Foundation Type: Not Available
Floor Construction: Slab on Grade
Structural System: Wood Frame (Residential type)
Typical Structural Bay: NA
Exterior Cladding: Stucco
Roof System: Composition Shingle.

Mechanical System
HVAC System: Indoor forced-air furnace, outdoor air cooled condenser
Energy: Gas heating, DX cooling.
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Community Education (CE), Building No.12
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

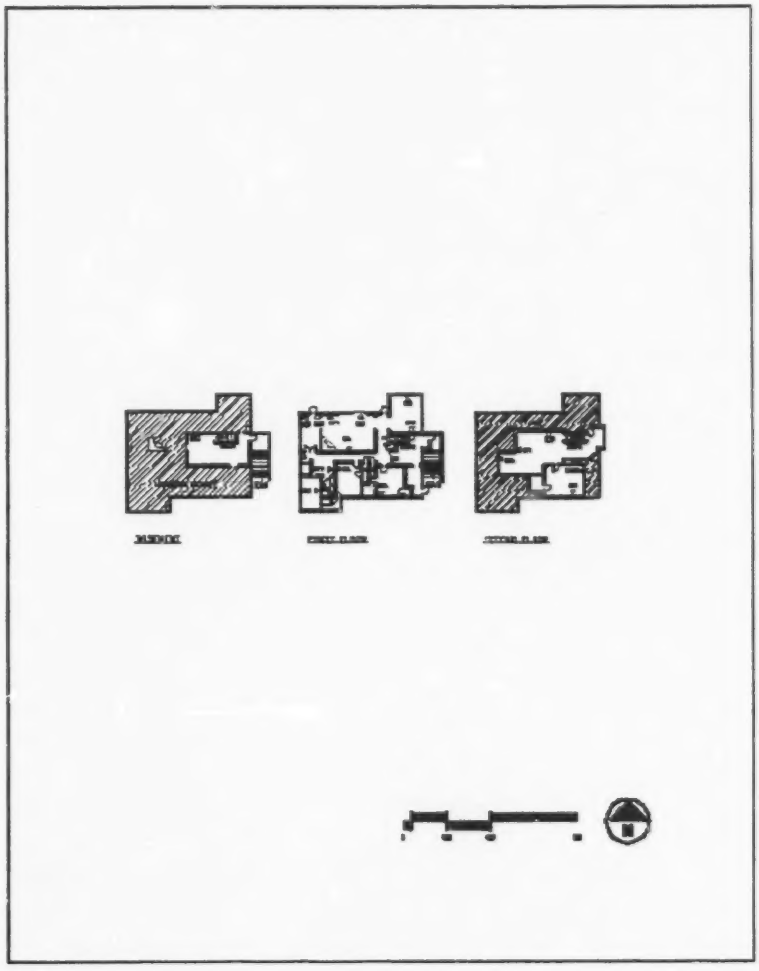
Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Paint Soffits
Roofing: 20-year Elastomeric replacement (installed 1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing:
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:
The small size and limited usefulness of this building make it a poor candidate for modifications and expansion. It is included in the inventory of temporary buildings to be replaced.

See "Recommended Fifteen-Year Construction Plan" for additional description. See the Concept Paper Summary for departmental, divisional and service group requirements.

Community Education (CE), Building No. 12



Theatre Arts (TA), Building No. 13A, 13B

Note: Originally Designated as "Wing No. 1" of the "Humanities and Fine Arts Buildings". Documents dated 1971, OAS Application No. 33817. Later designated on Campus Plan as "13A and 13B", and on College CAD files as "015 and 017". (State Inventory No. 39)

General Description
Occupancy: Type B1
Construction: Type I at Basement and Stage, V-1 HR elsewhere
Gross Square Foot Area: [Confirm]
Assignable Area: [Confirm]
Room Types (ASF): Lecture, Offices, Assembly

Construction
Stories: One Above Grade with Mezzanine and partial Basement
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: Not Applicable
Exterior Cladding: C.I.P. Concrete Columns, Clay Tile Shingles on Wood Studs, Reinforced Brick Masonry, Cement Plaster with Asbestos Fiber.
Roof System: 20-year Elastomeric replacement (installed 1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Mechanical room, water cooled chiller and gas boiler, outdoor cooling tower
Energy: Hot water heating, chilled water cooling.
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater with recirc. pump
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Theater Arts (TA), Building No.13A, 13B
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

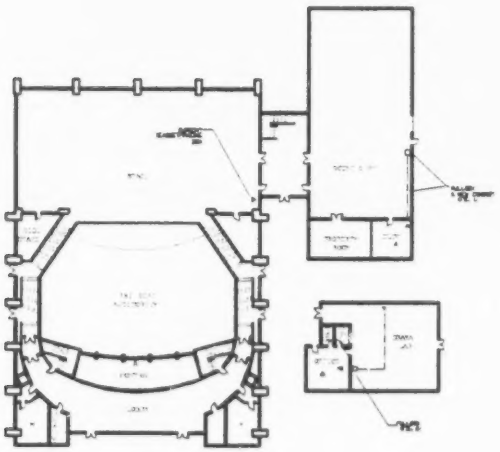
Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

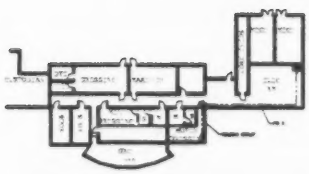
Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Paint Soffits
Roofing: 20-year, Elastomeric replacement (installed 1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing:
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:
Significant interior remodeling is recommended.

See "Recommended Fifteen-Year Construction Plan" for additional description of the project. See the Concept Paper Summary for departmental, divisional and service group requirements.

Theater Arts (TA), Building No. 13A, 13B





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Music (MU), Building No. 13C

Note: Originally Designated as "Wing No. 2" of the "Humanities and Fine Arts Buildings". Documents dated 1971, ORS Application No. 33817. Later designated on Campus Plan as "13C", and on College CAD files as "016" (State Inventory No. 39)

General Description
Occupancy: Type B1
Construction: Type V-NR
Gross Square Foot Area: 12,300 (Approximate)
Assignable Area: +/- 12,000 (Part of 29,712 building total)
Room Types (ASF): Lecture, Labs, Offices

Construction
Stories: One Above Grade with Partial Basement
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: Not Applicable
Exterior Cladding: C.I.P. Concrete Columns, Clay Tile Shingles on Wood Studs, Reinforced Brick Masonry, Cement Plaster with Asbestos Fiber.
Roof System: 20-year, Elastomeric replacement (installed 1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Mechanical room, water cooled chiller and gas boiler, outdoor cooling tower
Energy: Hot water heating, chilled water cooling.
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater with recirc. pump
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Music (TA), Building No.13C
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

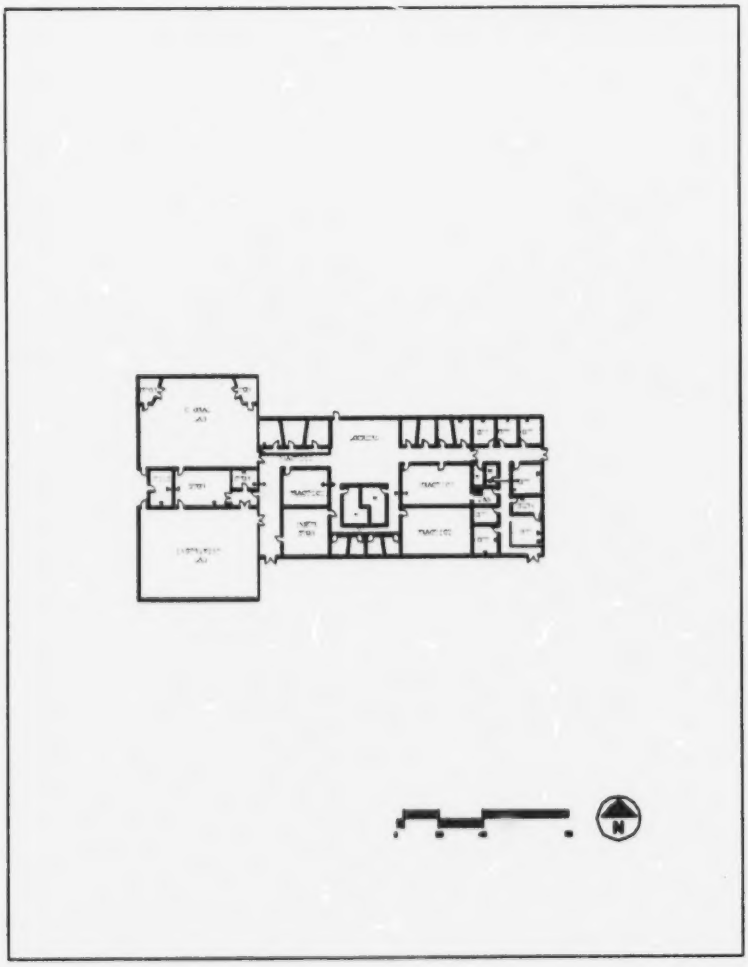
Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Paint Soffits
Roofing: 20-year Elastomeric replacement (installed 1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing: Increase Toilet Fixture count, Install Fire Sprinkler
Electrical: Remove Lighting Fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:

Replace deteriorated acoustical wall material with fabric-wrapped panels.

Related interior construction activities include: Disabled Access Improvements; Wall realignment, Electrical Power Upgrades: and enhanced Data and Telecommunications capability, and installation of Manufacturer's Classroom Furniture

Music (MU), Building No. 13C



Art Studios (AS), Building No. 13D

Note: Originally Designated as "Wing No. 3" of the "Humanities and Fine Arts Buildings". Documents dated 1971, ORS Application No. 33817. Later designated on Campus Plan as "13D", and on College CAD files as "003" (State Inventory No. 39)

General Description
Occupancy: Type B
Construction: V-NR
Gross Square Foot Area: 8,740
Assignable Area: +/- 8,000 (Part of 29,712 total)
Room Types (ASF): Labs, Offices

Construction
Stories: One Above Grade with Mezzanines
Foundation Type: Continuous 12" Wide
Floor Construction: Slab on Grade
Structural System: Wood Beams and Joists
Typical Structural Bay: 30' x 40' (at Studios)
Exterior Cladding: Cement Plaster, Textured Plywood.
Roof System: 20-year, Elastomeric replacement (installed 1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Rooftop air-cooled condensing units. Mechanical room gas boiler, ceiling mounted fan coils
Energy: Hot water heating, DX cooling
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater with recirc. pump
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:

Art Studios (AS), Building No.13D
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

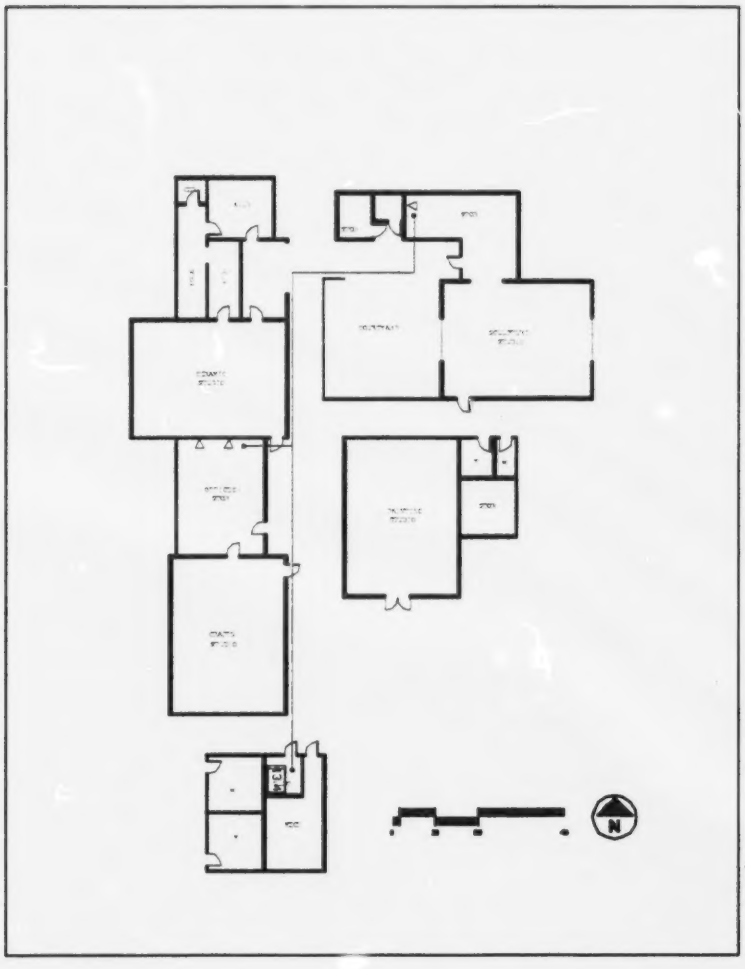
Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Paint Soffits
Roofing: 20-year Elastomeric replacement (installed1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing: Increase Toilet Fixture count, Install Fire Sprinkler
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:

Mezzanine (loft-type) construction is non-compliant for disabled access. Limited interior remodeling is recommended.
Interior construction activities include: Disabled Access Improvements; Electrical Power Upgrades; and enhanced Data and Telecommunications capability.

Art Studios (AS), Building No. 13D



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Art Labs (AL), Building No. 13E

Note: Temporary, modular building: Original Construction Documents/ ORS Application No. not available. Later designated on Campus Plan as "13A and 13B", and on College CAD files as "015 and 017". (State Inventory No. 50)

General Description
Occupancy: B
Construction: V-NR
Gross Square Foot Area: (Not available)
Assignable Area: 1,897
Room Types (ASF): Labs, Office, Storage

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: Wood Beams, Wood Joists
Typical Structural Bay: Not Applicable
Exterior Cladding: Plywood
Roof System: 20-year Elastomeric replacement (installed1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Packaged rooftop HVAC with gas furnace
Energy: Gas heating, DX cooling.
Mechanical Equipment Installation: Original Equipment (New)
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Art Labs (AL), Building No.13E
Master Plan Recommendations:

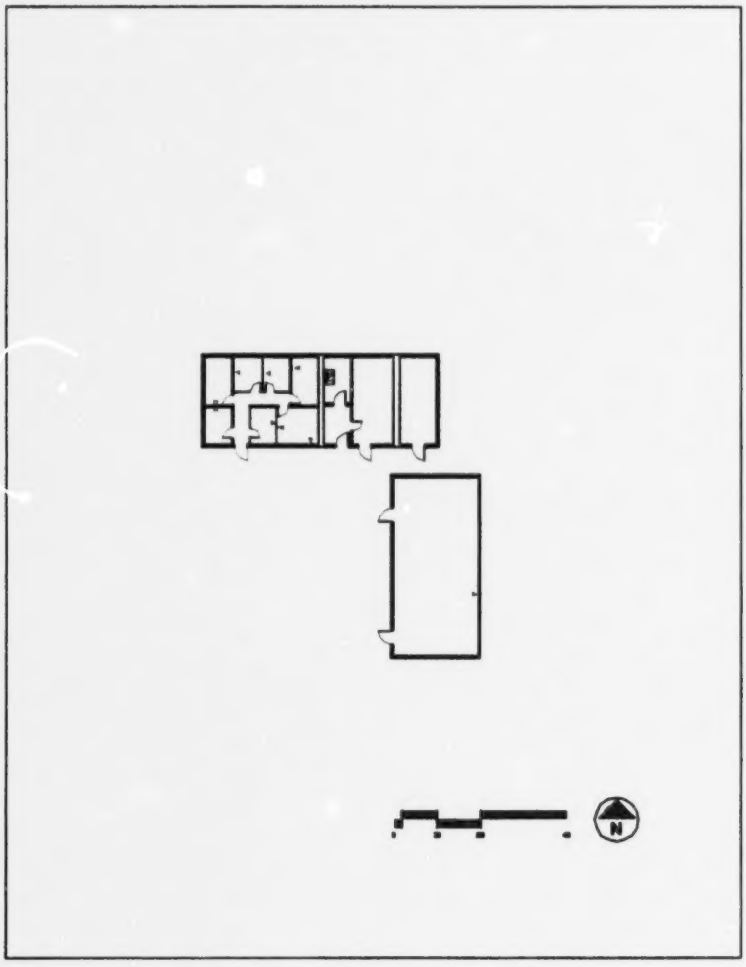
Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: No improvements recommended
Windows: No improvements recommended
Ceilings: No improvements recommended
Cladding: Routine maintenance only
Roofing: 20-year Elastomeric replacement (installed1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing: No improvements recommended
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:
Demolition of this building, with program relocation to LIB is recommended.

Art Labs (AL), Building No. 13E



Health Services Center (HC), Building No. 14

Note: Temporary, modular building: Original Construction Documents/ ORS Application Number not available. Later designated on Campus Plan as "Building 14", and on College CAD files as "018" (State Inventory No. 48)

General Description
Occupancy: Type B
Construction: Type V-NR
Gross Square Foot Area: (Not Available)
Assignable Area: 1,223
Room Types: Office, Treatment

Construction
Stories: One Above Grade (Portable)
Foundation Type: Pad
Floor Construction: Wood Joists
Structural System: Wood Frame
Typical Structural Bay: 8' Modular
Exterior Cladding: Plywood with Wood Battens
Roof System: 20-year, Elastomeric replacement (installed 1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Packaged rooftop HVAC with electric resistance heating
Energy: Electric resistance heating, DX cooling.
Mechanical Equipment Installation: Original Equipment (Scheduled replacement in December, 1999)
Plumbing Services: Cold Water, Sanitary Sewer
Domestic Hot Water System: Electric Water Heater
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Health Services Center (HC), Building No. 14
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

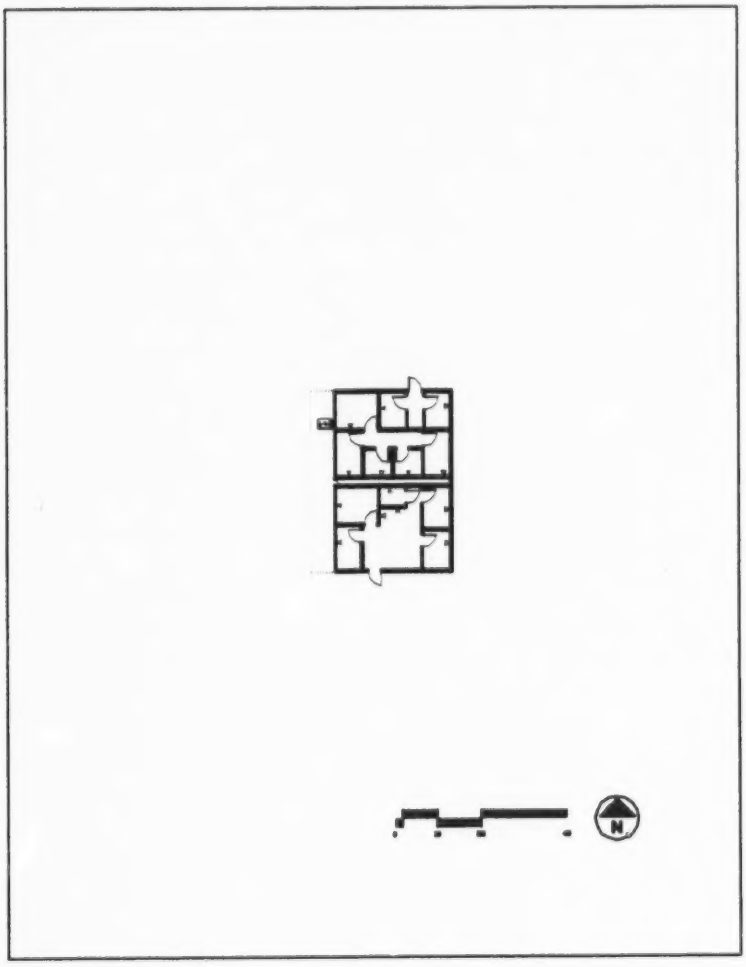
Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: No improvements recommended
Windows: No improvements recommended
Ceilings: No improvements recommended
Cladding: Routine maintenance only
Roofing: 20-year Elastomeric replacement (installed1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Routine maintenance only
Plumbing: No improvements recommended
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:
Building Demolition/ Program relocation to Student Services Mall is recommended.

See "Recommended Fifteen-Year Construction Plan" for additional description of the Student Services Mall. See the Concept Paper Summary for departmental, divisional and service group requirements.

Health Services Center (HC), Building No. 14



Language Arts/ Social Sciences (LA/ SS), Building No. 15

Note: Original Design Documents/ ORS Application not located. Later designated on Campus Plan as "15 and 15A", and on College CAD files as "022" and "023". (State Inventory No. 36)

General Description
Occupancy: Type B1
Construction: Type I at Basement and Stage, V-1 HR elsewhere
Gross Square Foot Area: (Not Available)
Assignable Area: 28,025
Room Types (ASF): Lab, Lecture, Office

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: 30' x 30'
Exterior Cladding: C.I.P. Concrete Columns, Clay Tile Shingles on Wood Studs, Reinforced Brick Masonry,
Roof System: 20-year Elastomeric replacement (installed 1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Mech. room, water cooled reciprocating chiller and gas boiler, mech. room centrifugal counterflow cooling tower, ceiling mounted fan coils
Energy: Hot water heating, chilled water cooling.
Mechanical Equipment Installation: Original Equipment (Scheduled Chiller/ Cooling Tower replacement in December, 1999)
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater with recirc. pump
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:

Language Arts/ Social Sciences (LA/ SS), Building No. 15
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Replace Fascias, Paint Soffits
Roofing: 20-year Elastomeric replacement (installed 1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current and re-programmed space use.
Plumbing: Increase Toilet Fixture count, Install Fire Sprinkler
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

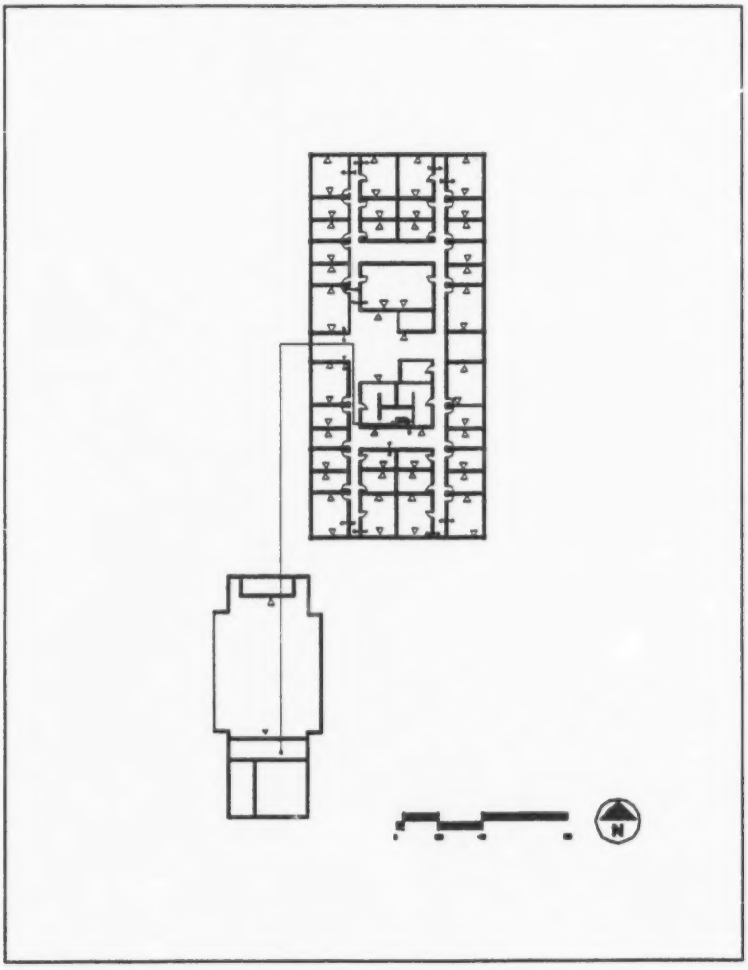
Enhancements for Educational/ Service Program:

Relocate Photo Laboratories/ expand existing program areas.

Related interior construction activities include: Disabled Access Improvements; Wall realignment, Electrical Power Upgrades; and enhanced Data and Telecommunications capability, and installation of Manufacturer's Classroom Furniture

See "Recommended Fifteen-Year Construction Plan" for additional description of the project. See the Concept Paper Summary for departmental, divisional and service group requirements.

Language Arts/ Social Sciences (LA/ SS), Building No. 15



Language Arts/ Social Sciences (LA/ SS), Building No. 15

Library/ Television/ Tutorial Service (LIB/ TV/ TU), Bldg. No. 16

Note: Original Design Documents/ ORS Application not available. Later designated on Campus Plan as "16A, 16B, 16C and 16D", and on College CAD files as "019" and "021". (State Inventory No. 37)

General Description
Occupancy: Type A/ B2 [Confirm]
Construction: Type V-1HR [Confirm]
Gross Square Foot Area: (Not Available)
Assignable Area: 40,285
Room Types (ASF): Assembly, Office, Media

Construction
Stories: One Above Grade with Mezzanine and part. Basement
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: 30' x 30'
Exterior Cladding: C.I.P. Concrete Columns, Clay Tile Shingles on Wood Studs, Reinforced Brick Masonry, Cement Plaster with Asbestos Fiber.
Roof System: 20-year, Elastomeric replacement (installed 1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Packaged rooftop HVAC with gas furnace
Energy: Gas heating, DX cooling.
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Library/ Television/ Tutorial Service (LIB/ TV/ TU), Bldg No. 16
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Replace Fascia, Paint Soffits
Roofing: 20-year Elastomeric replacement (installed1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet proposed space use.
Plumbing: Increase Toilet Fixture count, Install Fire Sprinkler
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:

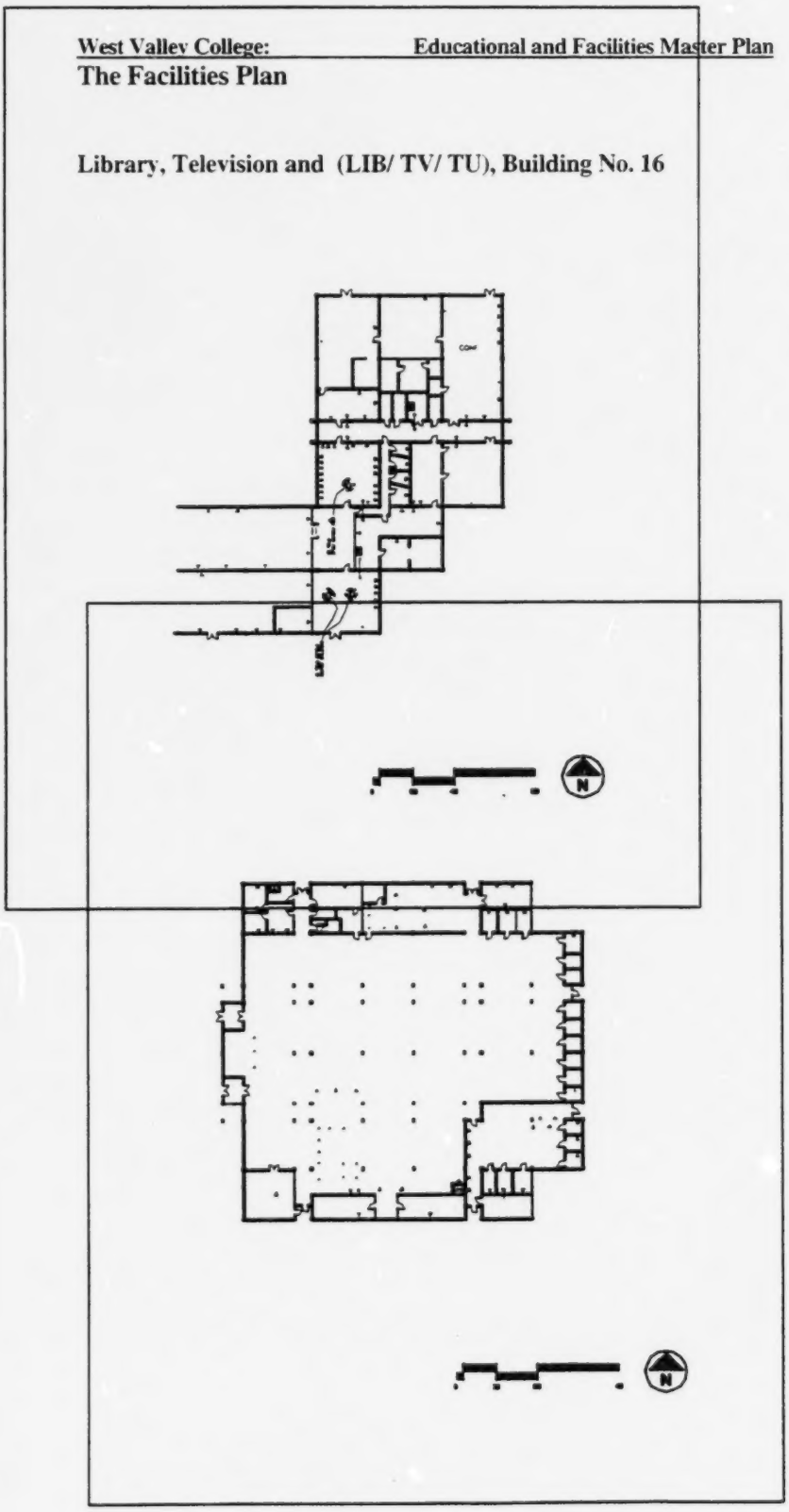
Significant building expansion/ conversion: Relocate Dance Studio (from PE), Photo Laboratories (from LA/SS), Art Laboratories (from AL), and create Performing Arts Drama Lab.

Related interior construction activities include: Disabled Access Improvements; Wall realignment, Electrical Power Upgrades; and enhanced Data and Telecommunications capability, and installation of Manufacturer's Classroom Furniture

See "Recommended Fifteen-Year Construction Plan" for additional description of the project. See the Concept Paper Summary for departmental, divisional and service group requirements.

The Facilities Plan

Library, Television and (LIB/ TV/ TU), Building No. 16



Learning Services (LS), Building No. 17

Note: Introduced as a Temporary Building. No original Construction Documents were available for review. Later designated on Campus Plan as "16A, 16B, 16C and 16D", and on College CAD files as "019" and "021". (State Inventory No. 51)

General Description
Occupancy: Type B
Construction: Type V-NR
Gross Square Foot Area: (Not Available)
Assignable Area: 4,821
Room Types (ASF): Offices

Construction
Stories: One Above Grade with Mezzanine and partial Basement
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: Wood Beams, Wood Joists
Typical Structural Bay: 8' Modular
Exterior Cladding: Plywood Siding
Roof System: Original Built-up Roofing.

Mechanical System
HVAC System: Packaged rooftop HVAC with electric resistance heating.
Energy: Electric resistance heating, DX cooling.
Mechanical Equipment Installation: Original Equipment (HVAC scheduled for replacement, December 1999)
Plumbing Services: Cold Water, Sanitary Sewer
Domestic Hot Water System: Electric Water Heater
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Learning Services (LS), Building No. 17
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

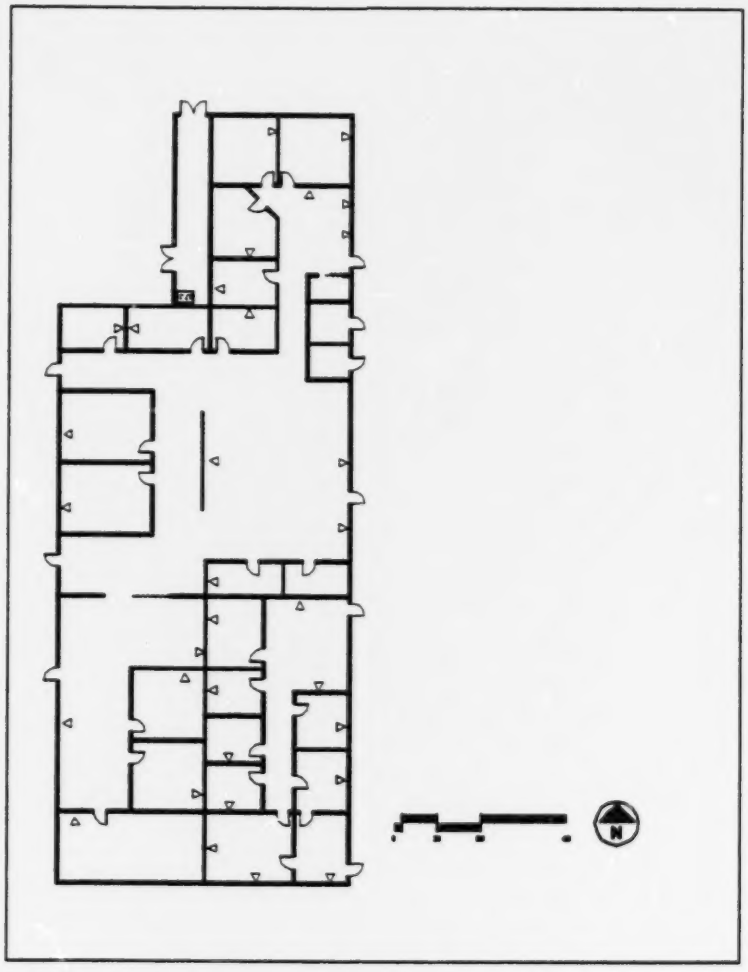
Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: No improvements recommended
Windows: No improvements recommended
Ceilings: No improvements recommended
Cladding: Routine maintenance only
Roofing: 20-year Elastomeric replacement (installed 1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Routine maintenance only
Plumbing: No improvements recommended
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:

Building demolition program relocation to proposed Student Services Mall recommended.

See "Recommended Fifteen-Year Construction Plan" for additional description of the Student Services Mall. See the Concept Paper Summary for departmental, divisional and service group requirements.

Learning Services (LS), Building No. 17



Physical Education (PE), Building No. 18

Note: Original Design Documents/ ORS Application not available. Later designated on Campus Plan as "18A, 18B, 18C, 18D and 18E". (No CAD files were available on record for this Building) (State Inventory No. 41)

General Description
Occupancy: Type [Confirm]
Construction: Type [Confirm]
Gross Square Foot Area: (Not Available)
Assignable Area: 58,050
Room Types (ASF):

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: 30' x 30'
Exterior Cladding: C.I.P. Concrete Columns, Wood Siding on Wood Studs, Cement Plaster.
Roof System: 20-year Elastomeric replacement (installed 1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Rooftop assembled HVAC with gas furnaces, offices only.
Energy: Gas heating, DX cooling.
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Physical Education (PE), Building No. 18
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project. Pool/ Conditioning facilities recommended.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Paint Siding, Soffits
Roofing: 20-year Elastomeric replacement (installed 1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current and proposed space use.
Plumbing: Increase Toilet/ Shower fixture count
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

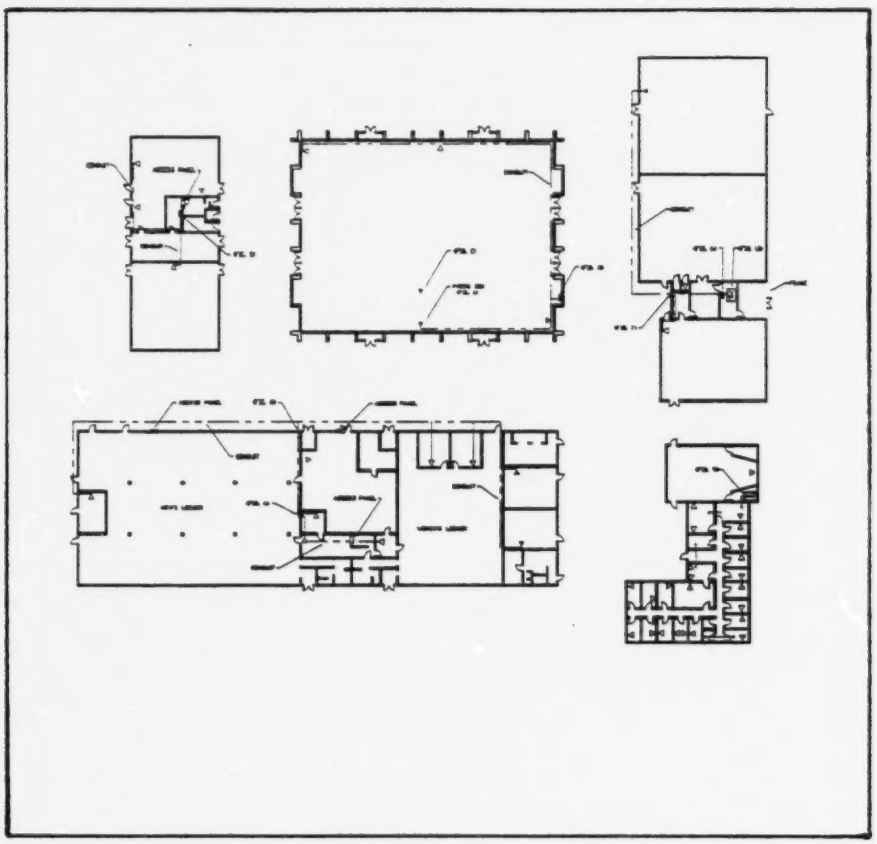
Enhancements for Educational/ Service Program:

Disabled access to Pool, Relocate Dance Studio/ expand Sports Medicine and Training

Related interior construction activities include: Disabled Access Improvements; Wall realignment, Electrical Power Upgrades; and enhanced Data and Telecommunications capability, and installation of Manufacturer's Classroom Furniture

See "Recommended Fifteen-Year Construction Plan" for additional description of the project. See the Concept Paper Summary for departmental, divisional and service group requirements.

Physical Education (PE), Building No. 18



Police, Building No. 19

Note: Temporary, modular building: Original Construction Documents/ ORS Application No. not available.. Later designated on Campus Plan as "Building 19", and on College CAD files as "029".

General Description
Occupancy: Type B
Construction: Type V-NR
Gross Square Foot Area: (Not Available)
Assignable Area: 649
Room Types (ASF):

Construction
Stories: One Above Grade with Mezzanine and part. Basement
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: Wood Beams, Wood Joists
Typical Structural Bay: 8' Modular
Exterior Cladding: Plywood Siding
Roof System: 20-year Elastomeric replacement (installed1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
Air Conditioning System (xxxx Total tonnage)
Heating Fuel: xxxx
Water Heater Type: xxxx
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Police, Building No. 19
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

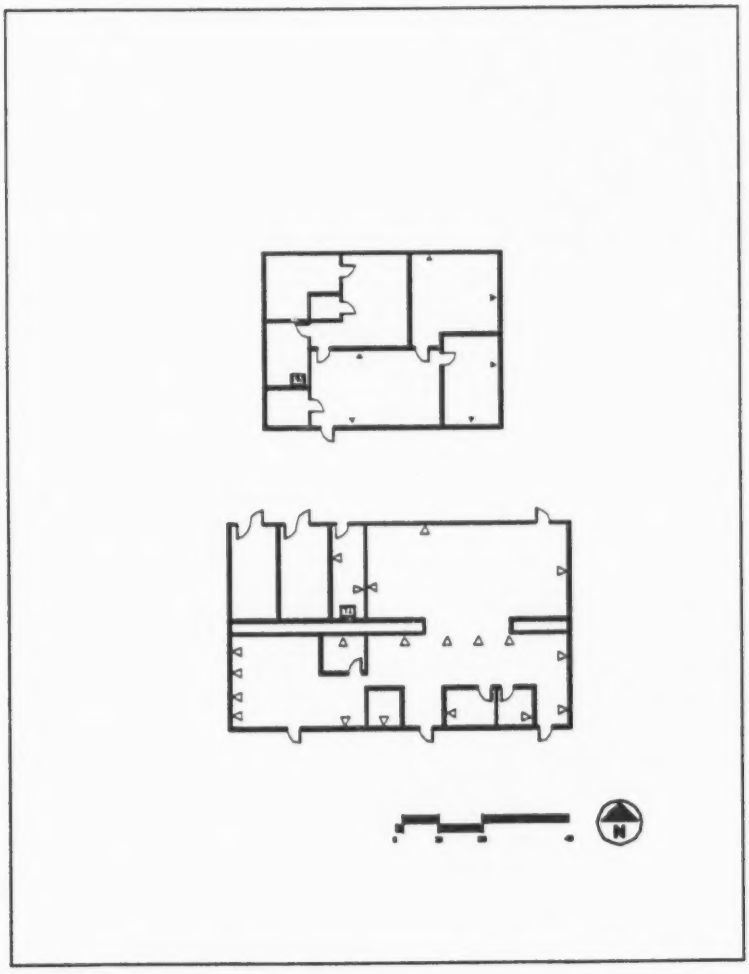
Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: No improvements recommended
Walls: No improvements recommended
Doors: No improvements recommended
Windows: No improvements recommended
Ceilings: No improvements recommended
Cladding: Routine Maintenance only
Roofing: Routine maintenance only.
Mechanical: No improvements recommended
Plumbing: No improvements recommended
Electrical: No improvements recommended

Enhancements for Educational/ Service Program:

Building demolition/ Service relocation to alternative location is recommended. (No improvements recommended.)

Police, Building No. 19



Science and Mathematics (SM), Building No. 20

Note: Original Design Documents/ ORS Application not available. Later designated on Campus Plan as "20, 20A and 20B, and on College CAD files as "031", "032" and "033". (State Inventory No. 30.)

General Description
Occupancy: Type B2
Construction: Type V-1HR
Gross Square Foot Area: [Confirm]
Assignable Area: 37,509
Room Types (ASF): Labs, Lecture, Offices, Storage

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: C.I.P. Columns, Steel Beams, Wood Joists
Typical Structural Bay: 30' x 30'
Exterior Cladding: C.I.P. Concrete Columns, Clay Tile Shingles on Wood Studs, Reinforced Brick Masonry, Cement Plaster.
Roof System: 20-year Elastomeric replacement (installed 1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
HVAC System: Mech. room, water cooled reciprocating chiller and gas boiler, outdoor centrifugal counterflow cooling tower, ceiling mounted fan coils, rooftop laboratory exhaust fans.
Energy: Hot water heating, chilled water cooling.
Mechanical Equipment Installation: Original Equipment (Cooling Tower installation 10-15 years ago)
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater with recirc. pump
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:

Science and Mathematics (SM), Building No. 20
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.
Replace Laboratory operations, apparatus, mechanical system

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Paint Soffits
Roofing: 20-year Elastomeric replacement (installed1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing: Increase Toilet Fixture count, Insytall Fire Sprinkler
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:

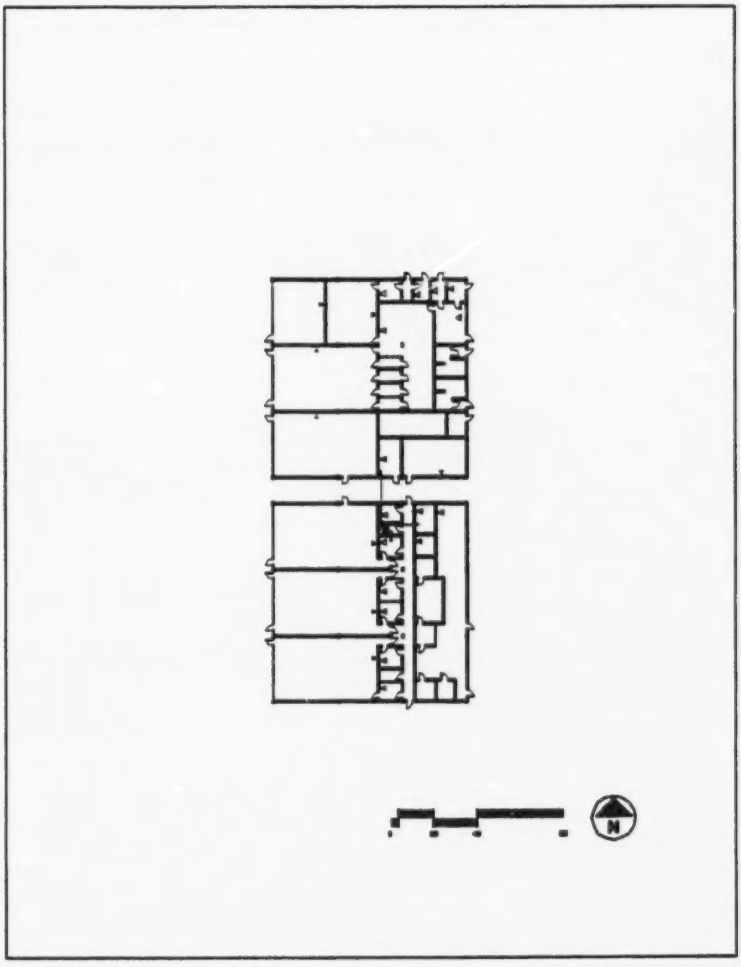
Create Science Building Addition: construct instructional Science labs/ expand non-lab programs into vacated areas.

Related interior construction activities include: Disabled Access Improvements; Wall realignment, Electrical Power Upgrades; and enhanced Data and Telecommunications capability, and installation of Manufacturer's Classroom Furniture

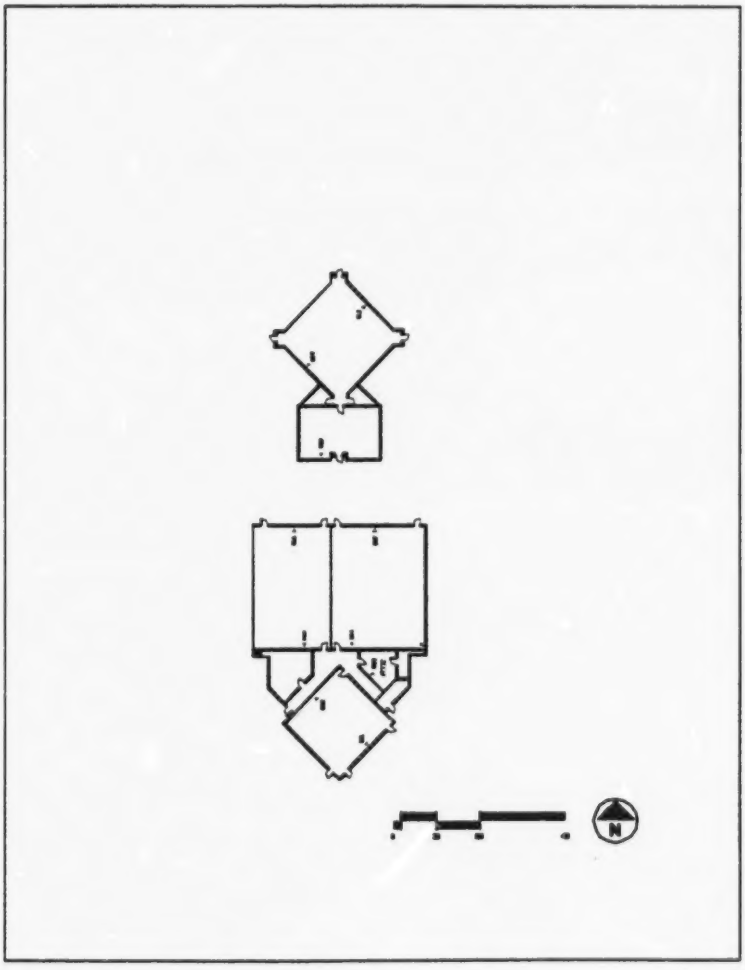
See "Recommended Fifteen-Year Construction Plan" for additional description of the Student Services Mall. See the Concept Paper Summary for departmental, divisional and service group requirements.

Science and Mathematics (SM), Building No. 20

Science and Mathematics (SM), Building No. 20 (continued)



Science and Mathematics (SM), Building No. 20
(continued)



Warehouse and Facilities Planning (W&F), Building No. 21

Note: Original Design Documents/ ORS Application not available. Later designated on Campus Plan as "16A, 16B, 16C and 16D", and on College CAD files as "019" and "021".

General Description
Occupancy: Type B
Construction: Type V-NR
Gross Square Foot Area: (Not Available)
Assignable Area: 12,754
Room Types (ASF): Offices, Shops, Storage

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: Steel Beams, Joists
Typical Structural Bay: Manufacturer's Metal Building
Exterior Cladding: Metal Siding
Roof System: 20-year Elastomeric replacement (installed 1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
Mechanical System
System 1: Package outdoor HVAC with gas furnace
System 2: Ceiling mounted fan coil with gas furnace
System 3: Ceiling unit heaters with gas furnace/ no cooling
Energy: Hot water heating, DX cooling.
Mechanical Equipment Installation: Original Equipment
Plumbing Services: Cold Water, Natural Gas, Sanitary Sewer
Domestic Hot Water System: Gas Water Heater
Fire Sprinkler System: Limited/ Full

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Warehouse and Facilities Planning (W&F), Building No. 21
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

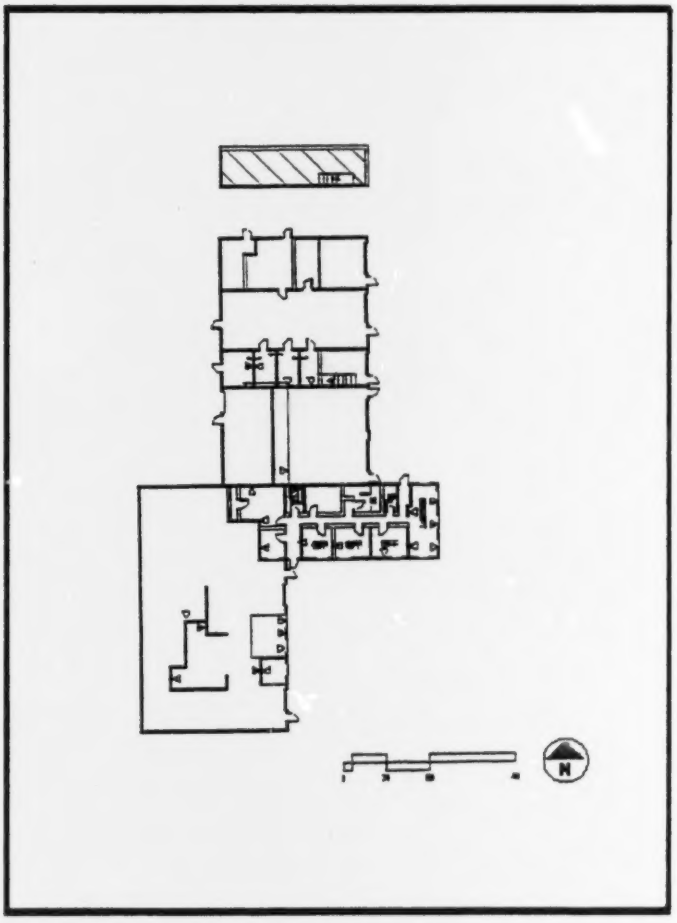
Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: Remove/ Replace Carpets
Walls: Painting Throughout
Doors: Remove/ Replace deteriorated wood doors
Windows: Remove/ Replace corroded metal frames
Ceilings: Replace Suspended Ceilings
Cladding: Paint Soffits
Roofing: 20-year Elastomeric replacement (installed1999) over original Built-up Roofing. Routine maintenance only.
Mechanical: 30-year old equipment is serviceable but unable to meet current load. Upgrade Rooftop Units and Ductwork to meet current space use.
Plumbing:
Electrical: Remove Lighting fixtures/ Relocate/ redistribute fixtures to reflect current room use. Brace all new/ existing fixtures

Enhancements for Educational/ Service Program:

Improvements to District offices/ facilities are recommended, though not included in the Fifteen-Year Plan.

Warehouse and Facilities Planning (W&F), Building No. 21



Warehouse and Facilities Annex (W&F), Building No. 21A

Note: Original Design Documents/ ORS Application not available. Later designated on Campus Plan as "16A, 16B, 16C and 16D", and on College CAD files as "019" and "021".

General Description
Occupancy: Type B
Construction: Type V-NR
Gross Square Foot Area: (Not Available)
Assignable Area: 1,716
Room Types (ASF): Storage (1,716)

Construction
Stories: One Above Grade
Foundation Type: Continuous 18" Wide
Floor Construction: Slab on Grade
Structural System: Wood Beams, Wood Joists
Typical Structural Bay: (Not applicable)
Exterior Cladding: Metal Siding
Roof System: 20-year Elastomeric replacement (installed1999) over original Built-up Roofing. Wood Shingle on Stud Roof Screens.

Mechanical System
Air Conditioning System (xx Total tonnage)
Heating Fuel: xxxx
Water Heater Type: xxxx
Fire Sprinkler System: Not Sprinkled

Electrical System
KW Power Capacity:
Number of Electrical Service Mains:
Type of Electrical Service:
Emergency Power:

Communications and Data
Data Systems:
Data Distribution Methods:
Capacity for Distance Learning:

Warehouse and Facilities Annex (W&F), Building No. 21A
Master Plan Recommendations:

Accessibility Improvements
Work completed as part of State-funded Architectural Barrier removal Project.

Life Safety Improvements:
Install Hold-up and Panic Alarm System
Seismic-brace Mechanical/ Electrical elements and Suspended Ceiling System.

Building Maintenance Requirements:
Floor Coverings: No Improvements Recommended
Walls: No Improvements Recommended
Doors: No Improvements Recommended
Windows: No Improvements Recommended
Ceilings: No Improvements Recommended
Cladding: No Improvements Recommended
Roofing: Routine maintenance only until demolition.
Mechanical: No Improvements Recommended
Plumbing: No Improvements Recommended
Electrical: No Improvements Recommended

Enhancements for Educational/ Service Program:

Building demolition/ consolidation with Facilities/ District Services is recommended.

Warehouse and Facilities Annex (W&F), Building No. 21A

No floor plan drawing available for this building

Proposed Facilities Projects

Maintenance Projects

Maintenance projects for all permanent structures are identified in the "Building Plans and Descriptions" section of this document. These requirements should be undertaken in conjunction with the more extensive "Interior Remodeling" and "Modification/ Conversion" projects described in the following sections.

Exterior Materials Maintenance and Repair:

The relative simplicity and durability of the original cladding and closure materials recommends against immediate replacement. Routine examination to identify and replace damaged exterior wall materials is required for all permanent buildings.

Many roofing systems date from original construction and have reached the end of their service life. The district has initiated a program to replace roof systems. The status of the roofing systems is described in the individual building descriptions.

Asbestos was identified in original construction documents as a component of fascia panels and some exterior plaster systems. Testing to determine content is strongly recommended. Verification of asbestos may result in a higher prioritization for replacement.

The extent of repair and replacement is tied to the building's status in the campus master plan: no extensive modification to building exteriors is recommended for those structures identified for Demolition/ Replacement, and is assumed to be part of the Building Conversion/ Modifications scope.

Interior Finishes Upgrade and Replacement

Interior materials often date from original construction. These surfaces generally display the heavy wear that could be expected. While some replacement projects have been undertaken, the results generally lack cohesion or consistency. Creation of campus guidelines for a limited material/ color palette is recommended.

Significant interior modifications are proposed for all permanent structures. The replacement or upgrade of interior finishes must be coordinated with these efforts. The introduction of interior materials with low embodied energy or recycled content, and that contribute to higher standards of indoor air quality is recommended.

Utility Systems Maintenance and Replacement

Most building utility systems date from the period of original construction. These systems are generally at the end of their expected service life and are recommended for replacement. (The poor performance of these systems was noted in virtually all group concept papers.) Systems replacement may affect floors, walls and ceilings, and is tied to interior modifications. In the interim, routine maintenance only is recommended.

Demolition/ Replacement Projects

Demolition of all the temporary structures is recommended. Many of these are more than 25 years old. Conceived as an expedient solution, the nature of their construction systems does not merit extensive investment in the area, structural and material upgrades that were identified in the Master Plan.

Demolition of the following buildings is recommended. In all cases, new construction or relocation to modified, existing permanent buildings is required:

- EOPS (Building No. 7)
- Child Care Center (CH, Building No. 8)
- Information Systems (IS, Building No. 11)
- Art Labs (AL, Building No. 13E)
- Health Care (HC, Building No. 14)
- Learning Services (LS, Building No. 17)
- Police (Building No. 19)
- Warehouse and Facilities Annex (Building No. 21A)

Interior Remodeling Projects

Interior remodeling is required for all remaining structures on campus. This category is distinct however, from the more extensive efforts necessary to convert buildings to new programmatic requirements. Construction activities in this category include Classroom Modification; Smart Classroom Construction; Disabled Access Improvements; Mechanical Systems Replacement; Fire Sprinkler Replacement; Lighting and Power Upgrades; and enhanced Data and Telecommunications capability.

Specific requirements for each building are described in the "Building Descriptions" section of this document. Buildings in this category include:

- Administration of Justice (AJ, Building No. 2))
- Admissions and Records (A&R, Building No. 3)
- Business Education/ Computer Rooms (BU/CR, Building No. 4)
- Student Counseling (CO, Building No. 9)
- Applied Arts and Sciences (AAS/CS/TC, Building No. 10)
- Theater Arts (TA, Buildings No. 13A, 13B)
- Music (MU, Building No. 13C)
- Art Studios (AS, Building No. 13D)
- Language Arts/ Social Sciences (LA/SS, Building No. 15)
- Physical Education (PE, Building No. 18)
- Warehouse and Facilities (W&F, Building No. 21)

Conversion/ Modification Projects

In some cases, changing a building's role on campus, or greatly expanding its capability has been recommended. In these cases, the activities described in the category above may be undertaken, but are likely to be accompanied by significant external modifications.

Identification of these projects is based on the ability to most effectively contribute to the overall intent of the master plan. The intent has been to consolidate services or related activities; to address compelling life safety concerns; and to benefit buildings in the preceding categories by providing permanent facilities or relieving internal congestion. The proposed modifications for program and the available area is described in the "Projected Facilities Needs" section of this document.

Buildings in this category include:

- Administration and Business (AD, Building No. 1)
- Campus Center (CC/ BKS/ PD, Building No. 6)
- Library/ Television (LIB/TV/TU, Building No. 16)
- Science Mathematics (M/S, building No. 20)

Note: Potentially, both Carlson House (Building No. 5) and Giurlani House (Building No. 12) might be included in this category. The relatively small size and limited usefulness argues against this however. For planning purposes, both have been included as part of the Temporary Buildings inventory.

New Construction Projects

No space is currently available on campus or in the vicinity to house programs and services temporarily displaced by remodeling or conversion projects. No potential leased facilities exist in the immediate area. Consequently, development of surge space, or construction of new facilities is required prior to undertaking any of the activities described in the categories above. The introduction of trailers or modular buildings has been studied for cost comparison with new construction. When infrastructure development is added to the lease rates, the advantage of new construction is obvious.

Identification of new construction projects is based on effective contribution to the Master Plan. New buildings are necessary to consolidate activities, to address program area and life safety deficiencies, and to provide permanent facilities for all programs and services.

The recommended projects listed below reflect the aspirations of the Educational Plan: priority is given to projects that can most dramatically enhance the technologic capability of the campus and provide cohesion to the college.

Potential buildings in this category include:

- Campus Technology Center (New Building)
- Student Services Addition (Student Services Mall) to Campus Center (New Building)
- Library/ Television Addition (LIB/TV/TU, Building No. 16)
- Science Building Laboratory Addition (SM, Building No. 20)

Sitework/ Infrastructure Projects

Participants in the strategic retreats greatly esteem the campus landscape and identified it as an important potential contributor to education. While site level projects were generally perceived to be of secondary importance to facilities needs, the need to preserve and protect the grounds was listed as a primary goal for physical development. The campus was similarly regarded by respondents to the surveys performed for the "Community Needs Survey". The public image of West Valley College greatly benefits from the physical character of the campus.

While the benefits of investment in site projects was recognized, the funding for projects not specifically related to building construction will likely be borne primarily by the District or from alternate

sources. Similarly, building-related landscape or sitework that exceed state development guidelines will require District funding.

Projects that demonstrably contribute to the goals of the Educational Plan, but which will require District or alternate funding include:

- Student Services Mall (Part Project 3, Campus Center Project)
- Gateway Projects (Part Projects 3 and 4, Campus Center and Science Addition)
- Athletic Facilities (Part of Project 7, PE Remodel and Expansion)
- Reconfigure Parking Lots 3 and 4 for Transit Connection
- Realign Campus Entries at Fruitvale and Allendale
- Roadway Modifications
- Vasona Creek Restoration

The Facilities Plan

Recommended Fifteen-Year Construction Plan

The Master Planning Design Team recommends that the College establish a prioritized Fifteen-Year Construction Plan. This list derives from the work categories described in the preceding sections. It is based upon the State Chancellor's conservative projection of enrollment growth, planning initiatives developed by the College's instructional and support programs and by the Team's review of existing programs and facilities. The following major construction projects are recommended:

1. Construct a new Campus Technology Center:

- Centralized shared facility for college programs and campus activities. (Add 20,195 ASF: Library, Lecture, Laboratory)
- High-technology space for vital programs and enrollment growth. Activities include smart classrooms, specialized computer center and server/network center.
- Seven days per week access to technology and information services via an open computer laboratory, specialized computer laboratories, teleconferencing studio, smart classrooms and a server/network center.
- Surge space to be used by faculty / staff displaced during building renovations.
- Associated landscape development to anchor the proposed Campus Center Mall, and to more effectively unite the campus across Vasona Creek.

2. Renovate and Expand the Library:

- Expand Library/AV (Add 10,749 ASF: Library, Media)
- Performing Arts Studios (Remodeled Area)
- Fine Arts Studios (Remodeled Area)
- Photography Laboratories (Remodeled Area)
- Digital Art and Photography Computer Labs (Remodeled Area)
- Art Gallery (Remodeled Area)
- Associated landscape development to extend the proposed Campus Center Mall and to create an East Gateway.

3. Renovate and Expand the Campus Center:

- Upgrade Offices, Retail and Food Service facilities. (Interior Remodeled Areas)
- Create Meeting Rooms/ Workshops (Remodeled Area)
- Relocate and consolidate student services from temporary buildings (Add 15,738 ASF Replacement)

- Associated landscape development to extend the proposed Student Services Mall and to create a West Gateway.

4. Renovate and Expand the Math/ Science Building:

- Build a new science laboratory wing to improve life safety conditions and instructional capacity (Add 6,054 ASF, Labs)
- Renovate existing vacated lab and support space to meet contemporary standards (Remodeled Area)
- Remodel existing areas for new computer laboratories and smart classrooms.

5. Remodel the Language Arts/ Social Science Building:

- Remodel existing classroom areas for computer-based instruction
- Construct new offices, computer laboratories and smart classrooms in the area vacated by photo laboratories.
- Accommodate disabled access, to improve life safety conditions, to replace deteriorated finishes, and to upgrade and replace electrical power, lighting, and mechanical (HVAC) systems.

6. Construct a Permanent Child Development Center:

- Replace the existing temporary buildings. (3,497 ASF)
- Locate for improved access and proximity to associated programs.

7. Remodel and Expand the PE Complex to include:

- Adapted PE Laboratory and Accessible Pool
- Renovate Swimming Pool and equipment
- Renovate and expand sports medicine
- Relocate Dance to Performing Arts Studio (See Project No. 2)
- Renovate and expand laboratories for weight, aerobics and martial arts
- Renovate dressing rooms and showers
- Improve irrigation and drainage for the training fields
- Expand Storage
- Improve stadium with bleachers, lights, and score board
- Resurface running track.

8. Remodel and Expand the Art Studios

- Accommodate pottery, ceramics and metal arts programs.
- Provide permanent space for activities currently housed in the Art Lab temporary building. (See Project No. 2)
- Eliminate non-accessible loft conditions.

9. Renovate Applied Arts and Science Building:

- Modify existing classrooms to meet current instructional requirements (Remodel for Studios/ Smart Classrooms)
- Accommodate disabled access, to improve life safety conditions, to replace deteriorated finishes, and to upgrade and replace electrical power, lighting, and mechanical (HVAC) systems.

10. Remodel the Business Building:

- Enclose existing open corridors, courtyards
- Modify existing classrooms to meet current instructional requirements
- Accommodate disabled access, to improve life safety conditions, to replace deteriorated finishes, and to upgrade and replace electrical power, lighting, and mechanical (HVAC) systems.

11. Renovate the Music/ Theater Arts Building

- Improve music practice rooms and orchestra room
- Add a studio for electronic music (Remodeled Area)
- Make improvements to the theater
- Accommodate disabled access, to improve life safety conditions, to replace deteriorated finishes, and to upgrade and replace electrical power, lighting, and mechanical (HVAC) systems.

12. Renovate Counseling Building:

- Modify interior to meet current requirements
- Exterior remodeling to add entry/ colonnade at Mall
- Accommodate disabled access, to improve life safety conditions, to replace deteriorated finishes, and to upgrade and replace electrical power, lighting, and mechanical (HVAC) systems.

13. Renovate Admissions and Records Building:

- Modify interior to meet current requirements
- Exterior remodeling to add entry/ colonnade at Mall
- Accommodate disabled access, to improve life safety conditions, to replace deteriorated finishes, and to upgrade and replace electrical power, lighting, and mechanical (HVAC) systems.

14.. Renovate Administration of Justice Building:

- Modify interior to meet current requirements
- Exterior remodeling to add entry/ colonnade at Mall
- Accommodate disabled access, to improve life safety conditions, to replace deteriorated finishes, and to upgrade and replace electrical power, lighting, and mechanical (HVAC) systems.

15. Renovate Administration Building:

- Modify interior to meet current requirements
- Exterior remodeling to add entry/ colonnade at Mall
- Accommodate disabled access, to improve life safety conditions, to replace deteriorated finishes, and to upgrade and replace electrical power, lighting, and mechanical (HVAC) systems.

16. Realign Campus Entries at Allendale and Fruitvale:

- Reconfigure to provide direct alignment with proposed Gateways/ Central Mall
- Include landscape materials, lighting and signage.

17. Develop New Vehicle Access to Theater Arts area:

- Develop to provide direct connection to Arts area
- Include landscape materials, lighting and signage.

18. Reconfigure/ Consolidate Campus Roadways:

- Reconfigure for alignment with proposed Gateways
- Extend to connect Parking Lots 5 and 6
- Include landscape materials, lighting and signage
- Restore former paved areas with landscape materials.

19. Reconfigure/ Consolidate Campus Walkways

- Reconfigure walkways to create Student Services Mall that connects student services buildings to new technology center
- Include landscape materials, lighting and signage
- Restore adjacent landscape areas with native plant materials.

20. Restore Vasona Creek:

- Survey to identify species and establish habitat restoration
- Integrate restoration efforts and results with College curriculum

Anticipated Construction Schedule

The Facilities Plan

A proposed construction schedule for the fifteen Building projects is shown below. (The Sitework projects are not included in this list.) This schedule assumes that these projects represent priorities for the District, and that State funds would be made available as needed. If so, eleven years are needed to complete the projects. Recent budgeting experience indicates that it will more likely take fifteen years or longer to secure the necessary state funding.

Feb 2001	Submit IPPs for Projects 1, 2 and 3
Feb 2002	Submit FPPs for Projects 1, 2 and 3 Submit IPPs for Projects 4, 5 and 6
Feb 2003	Submit FPPs for Projects 4, 5 and 6 Submit IPPs for Projects 7, 8 and 9
July 2003	Start preliminary plans and working drawings for Projects 1 2 and 3
Feb 2004	Submit FPPs for Projects 7, 8 and 9 Submit IPPs for Projects 10, 11 and 12
July 2004	Start preliminary plans and working drawings for Projects 4, 5 and 6.
Feb 2005	Start construction for Projects 1, 2 and 3 Submit FPPs for Projects 9, 10 and 11 Submit IPPs for Projects 12 and 13
July 2005	Start preliminary plans and working drawings for Projects 7, 8 and 9
Feb 2006	Start construction for Projects 4, 5 and 6
July 2006	Start preliminary plans and working drawings for Projects 9, 10 and 11
Feb 2007	Complete construction on projects 1, 2, and 3 Start construction on projects 7, 8 and 9
July 2007	Start preliminary plans and working drawings for Projects 10, 11 and 12

Feb 2008	Complete construction Projects 4, 5 and 6 Start construction projects 7, 8 and 9 Start preliminary plans and working drawings for Projects 13, 14 and 15
Feb 2009	Complete construction on Projects 7, 8 and 9 Start construction Projects 10, 11 and 12
Feb 2010	Complete construction Projects 10, 11 and 12 Start construction Projects 13, 14 and 15
Feb 2011	Complete construction Projects 13, 14 and 15

Budget and Funding Requirements

Anticipated project costs are provided for preliminary planning purposes only. This list must be updated at the IPP phase to confirm programs and scope. GSF area is approximate, and where unknown, based on an assumed building efficiency of 70%.

1.	Campus Technology Center (New)	28,850 GSF	$10,458,000
2.	Renovate/ Expand the Library	57,550/ 15,350 GSF	16,006,000
3.	Renovate/ Expand Campus Center	35,000/ 22,500 GSF	13,965,000
4.	Renovate/ Expand Math/Science	54,000/ 8650 GSF	17,616,000
5.	Remodel Language Arts/Social Science	40,000 GSF	8,100,000
6.	Construct Child Development Center	5,000 GSF	1,553,000
7.	Renovate and Expand PE Complex	83,000 GSF	5,900,000
8.	Remodel and Expand Art Studios	9,000 GSF	2,430,000
9.	Renovate Applied Arts and Sciences	55,000 GSF	13,365,000
10.	Remodel Business Building	20,000 GSF	4,050,000
11.	Renovate Music/ Theater Arts	33,000 GSF	9,900,000
12.	Renovate Counseling Building	7,000 GSF	1,417,000
13.	Renovate Admissions and Records	8,000 GSF	1,620,000
14.	Renovate Administration of Justice	4,000 GSF	840,000
15.	Renovate Administration Building	12,000 GSF	2,430,000
16.	Realign Campus Entries (Sitework)	200,000 GSF	4,050,000
17.	Theater Arts Gateway (Sitework)	50,000 GSF	1,350,000
18.	Campus Roadways (Sitework)	70,000 GSF	1,418,000
19.	Campus Walkways (Sitework)	10,000 GSF	162,000
20.	Restore Vasona Creek (Sitework)	500,000 GSF	5,400,000
Total Project Costs			**122,030,000**

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